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Stocks, Double Column, Page 21

1947 Flower and Vegetable Seeds

Summer Flowering Bulbs and Supplies

A. H. Hummert Seed Co.

2746-48 Chouteau Ave.

Half Block from Wholesale Flower Market

Phone GRand 0646

St. Louis 3, Mo.

Vegetable - Flower Seeds, Bulbs, Insecticide Supplies

Catalog 1947

HOW TO ORDER

USE OUR ORDER SHEET. It will be of great help to us in filling your order correctly and speedily, if you will use the Order Sheet sent you with the catalog. **Please Keep a Copy of Your Order.**

HOW TO SEND MONEY. Remittances can be sent safely by P. O. Order, Bank Draft, Express Money Order, or Check.

NO C.O.D. SHIPMENTS. Absolutely no plants or perishable goods will be sent C.O.D. We advise against C.O.D. orders because of delays and excessively high collection charges. Send remittance with your order. If overpaid, we will refund the difference.

DON'T FORGET POSTAGE. Delivery charges are paid by the purchaser. Be sure to include sufficient postage at the zone rates to cover your order. Large packages or shipments of considerable weight travel more cheaply by express.

THE RATES FOR POSTAGE ARE AS FOLLOWS:

	For first pound	For each additional pound
Local	8c	1/2c
1st and 2nd Zones	9c	1.1c
3rd Zone	10c	2c
4th Zone	11c	3.5c
5th Zone	12c	5.3c
6th Zone	13c	7c

Routing. Please give explicit shipping directions with each order, giving name of freight, express and post office stations. If no directions are given, we will use our best judgment, but all goods travel at purchaser's risk.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order.

IMPOSSIBLE TO GUARANTEE CROPS

Warranty. Although we try our best to please we cannot warrant in any way, expressed or implied, the contents or description, purity, productiveness or any matter of any seeds, bulbs or plants and we will not in any way be responsible for the crop. If the purchaser does not accept these goods on the above terms no sale is made thereof and goods must be returned at once. Again we say for the business you have sent us we are grateful and trust we may continue to serve you carefully and promptly.

A. H. HUMMERT.

➡ **Prices in This Catalog Are Subject to Change Without Notice** ⬅

INDEX—Seeds, Bulbs, Supplies

Vegetable Seeds	Page		Page		Page
Asparagus	1	Tomato	7	Delphinium	13-14
Beans, Bush	1	Turnip	7	Dianthus	14
Beans, Pole	1	Flower Seeds		Didiscus	14
Beets	1	Achillea	8	Digitalis	14
Beets, Mangel	1	Ageratum	8	Eschscholtzia	14
Broccoli	1	Alyssum	8	Feverfew	14
Brussels Sprouts	1	Amaranthus	8	Four O'clock	14
Cabbage	2	Anchusa	8	Forget-Me-Not	15
Cauliflower	2	Anthemis	8	Geum	15
Carrots	2	Aquilegia	8	Gaillardia	15
Chicory	2	Armeria	8	Gourds	15
Celery	2	Asparagus	8	Gomphrena	15
Collards	3	Antirrhinum	9	Grevillea	15
Corn Salad	3	Aster	10	Gypsophila	15
Corn, Sweet	3	Balsam	11	Helichrysum	15
Cucumber	3	Begonias	11	Heuchera	15
Egg Plant	3	Bellis Perennis	11	Hollyhocks	15
Endive	3	Browallia	11	Hunnemannia	15
Herbs	3	Calceolaria	11	Impatiens	15
Kale	3	Calendula	11	Kochia	16
Kohl-rabi	3	Calliopsis	11	Larkspur	16
Leek	3	Campanula	11	Linaria	16
Lettuce	4	Carnation	11	Linum	16
Melon	4	Cardinal Climber	11	Lobelia	16
Mustard	4	Candytuft	12	Lupinus	16
Okra	4	Celosia	12	Lychnis	16
Onion	4	Centaurea	12	Marigold	17
Parsley	4	Cerastium	12	Matricaria	14
Parsnip	5	Cheiranthus	12	Mignonette	17
Peas, Garden	5	Chrysanthemum	12	Moonflower	17
Pepper	5	Cineraria	13	Nasturtium	17
Pumpkin	5	Clarkia	13	Nicotiana	17
Radish	5	Cleome	13	Nierembergia	17
Rhubarb	6	Coleus	13	Penstemon	17
Rutabagas	7	Cuphea	13	Pansies	18
Salsify	6	Cosmos	13	Petunias	18-19
Spinach	6	Coreopsis	13	Phlox	20
Squash	6	Cynoglossum	13	Physostegia	20
Swiss Chard	6	Dahlia	13	Platycodon	20
				Portulaca	20
				Poppies	20
				Primula	20
				Pyrethrum	20
				Ricinus	20
				Rudbeckia	20
				Salvia	21
				Salpiglossis	21
				Saponaria	21
				Scabiosa	21
				Schizanthus	21
				Shamrock	21
				Solanum	22
				Statice	22
				Stocks	21
				Sweet Peas	22
				Sweet William	22
				Thunbergia	22
				Torenia	22
				Tritoma	22
				Verbena	23
				Veronica	23
				Vinca Rosea	23
				Viola	23
				Zinnias	23
				Bulbs	
				Caladiums	24
				Cannas	24
				Lilies	24
				Tuberose	24
				Gladiolus	25
				Fertilizer-Insecticide	
				and Supplies	
				Fertilizers	26
				Insecticides ..	27, 28, 29
				Sprayers	32
				Supplies	31
				Lawn and Farm Seeds.	33

Pleased to Serve You, A. H. HUMMERT.

VEGETABLE SEEDS

Prices f.o.b. St. Louis. Prices quoted are subject to change

One of the most profitable spring crops for the greenhouse or hotbed plant is seedling vegetable plants for home gardens. We are offering vegetable seeds only in the best standard varieties for market and home garden. Should you desire any variety not listed, please write.

ASPARAGUS

Mary Washington. (Rust-proof.) Undoubtedly the finest rust-resistant variety grown. Shoots thick; heavy yielder of fine quality. Oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

BUSH BEANS, GREEN POD

Plant seed when danger of frost is past and the soil is quite warm, in rows 18 to 30 in. apart for hand cultivation or $2\frac{1}{2}$ to 3 ft. apart for field cultivation. Make furrows about 2 in. deep and space the beans 2 to 3 in. apart in the row.

1 lb. will plant 100 ft. of row.

Bountiful Stringless. 48 days. This is the best flat-podded stringless variety. The light green pods are $6\frac{1}{2}$ to 7 inches long.

Black Valentine Stringless. A shipping and market garden variety. True strain develops a fine, long, absolutely round, stringless pod.

Stringless Green Pod. 52 days. A very desirable dwarf, round, green-podded snap Bean, largely grown for the market.

Tendergreen Stringless. 56 days. A very high quality green-podded sort, of the finest quality. Pods are perfectly round.

Large pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 10 lbs., \$3.00.

BUSH WAX BEANS

Golden Wax. 48 days. A splendid home garden variety; also much used for canning.

Pencil Pod Wax. 52 days. The pods average 5 to 6 inches in length, a round-podded wax variety; they are very solid, meaty and tender.

Davis Stringless Wax. 48 days. Plant large and thrifty, heavily productive over long period. Pods handsome bright yellow, $5\frac{1}{2}$ to 6 inches long.

Above 3 Varieties: Large pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

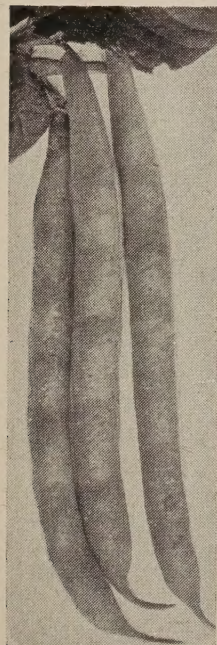
BUSH LIMA BEANS

Burpee's Improved Bush Lima. 80 days. Grows 10 to 30 inches; handsome large pods.

Fordhook Bush Lima. Large seeded bush lima of excellent flavor.

Henderson's Bush Lima. 74 days. Produces enormous crops. Small seeded—sure to produce under any conditions.

Large pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.



Stringless
Green Pod



Tendergreen
Stringless



Detroit Dark Red

POLE BEANS

One pound will plant 200 hills.

Kentucky Wonder, Old Homestead. 65 days. Unexcelled for home and market garden.

St. Louis Perfection. 70 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell Beans. The pods are round.

Large pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.85.

POLE LIMA BEANS

King of the Garden. 84 days. One of the best pole limas, large leaved, good climber. Pods about $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long. Large pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.85.

SOUP BEANS

Grown mostly for dried beans for winter use.

Great Northern or Large Navy. Splendid field Bean, excellent flavor, cooks rapidly, fine producer.

Red Kidney. The old-fashioned baking Bean. Rich in flavor. Many uses.

Large pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

TABLE BEETS

1 oz. to 60 ft. of row.

Sow seeds as early in the spring as the ground can be worked. For a continuous supply make repeated sowings 3 to 4 weeks apart, allowing plenty of time for the last sowing to mature before frost. Sow seed in rows $1\frac{1}{2}$ to 2 ft. apart and cover with $\frac{1}{2}$ in. of fine soil.

Early Wonder. 50 days. Earliest and best for forcing or home garden. Tops short, flesh dark red. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.50.

Detroit Dark Red Selected. 55 days. Standard for home and market garden. Uniform globe-shaped. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.50.

MANGEL BEET

Used largely for winter feeding of your stock. Sow seed in early spring in rows 2 to 3 ft. apart; cover with $\frac{1}{2}$ in. of soil.

Mammoth Long Red. Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., 90c.

BROCCOLI

Italian Green Sprouting. (Calabrese.) 85 days. The standard variety of sprouting Broccoli for home garden, market. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

BRUSSELS SPROUTS

Long Island Improved. 120 days. Grown extensively on Long Island for the New York market, where it always brings a good price. Compact plants, 20 in. tall, with solid, round, Cabbage-like sprouts measuring $1\frac{1}{4}$ to $1\frac{1}{2}$ in. in diameter. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.

Broccoli,
Italian Green
Sprouting





Cabbage, Copenhagen Market

CABBAGE

For earliest crop, start seed in hotbed; for medium early Cabbage, seed may be sown in a cold frame or open-ground seedbed in early spring. Sow late Cabbage for winter use in a seedbed outdoors when soil has become thoroughly warm. A packet will produce about 250 plants, an ounce about 2000 plants.

All Seasons. 80 days. Of the flat Dutch type and a first class main crop. The heads are very large and solid. $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Copenhagen Market. 66 days. A very choice strain. Medium-sized heads; compact, good yielder. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Charleston Wakefield. 70 days. Large, heart-shaped, average weight 4 to 5 lbs. For home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Early Dwarf Flat Dutch. 65 days. Heads nearly round, firm, fine flavor and high quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Early Jersey Wakefield. Pointed heads. 62 days. Extremely early variety, very valuable for home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Golden Acre. 64 days. Round head, short stem. Uniform, firm, especially valuable for early market and shipping. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Premium Late Flat Dutch. 90 days. Good keeper, firm heads of good quality. Dependable. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

YELLOWS RESISTANT VARIETIES

Jersey Queen. 63 days. The resistant Jersey Wakefield. Heads are solid, conical. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Marion Market. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market. It takes about 20 days longer to mature. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

SAVOY and RED CABBAGE

Dwarf Savoy. 85 days. Heads medium large; flat and firm. Crimped leaves. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.

Dark Red. 90 days. Best red variety. Good keeper, round hard head. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.

CHINESE CABBAGE

Chinese or Celery Cabbage

Chihli. 75 days. This is a sure heading, vigorous growing lettuce variety with erect, cylindrical pointed head 18 to 20 inches long. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

CHICORY

Witloof or French Endive. 150 days. Roots used for winter forcing. For blanching place the roots upright, about $1\frac{1}{2}$ inches apart. Pkt., 10c; oz., 25c.

CAULIFLOWER

Packet will produce 200 plants; ounce 2000 plants.

Super Snowball. Finest quality. 65 days. Well adapted for use under a wide range of conditions. Heads large, firm and pure white, and well protected by inner leaves. Pkt., 15c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.50; 1 oz., \$2.50.

Early Snowball. 54 days. Unquestionably the earliest maturing strain of short leaf type of Cauliflower. It is well adapted for forcing or winter use for early crop and is one of the most popular. Pkt., 15c; $\frac{1}{4}$ oz., 75c; oz., \$2.50.



CARROTS

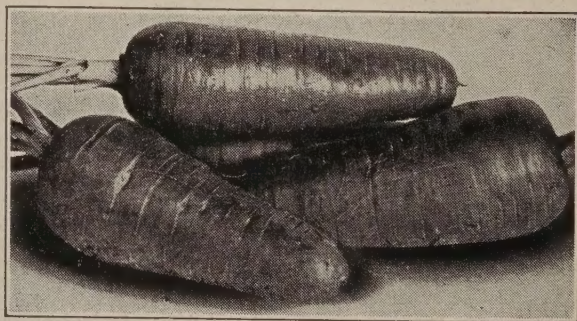
1 oz. will sow 100 feet of row.

Sow the early sorts in March and April, in drills 1 inch deep and 14 inches apart; thin out to 2 inches. For main crop sow in May or beginning of June. A rich, mellow, deeply worked soil gives the finest Carrots.

Chantenay. 70 days. Roots about 5 to 6 inches in length, 2 to $2\frac{1}{2}$ inches thick at the crown, smooth and tapering. Color deep orange-red. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Danvers Half Long. 75 days. Well-known main-crop or late Carrot of great uniformity. The deep orange-red roots are 7 to $7\frac{1}{2}$ in. long and 2 to $2\frac{1}{2}$ in. in diameter, tapering gradually toward the blunt end. The flesh is bright orange, fine grained, tender, rich in flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Oxheart or Guerande. 75 days to produce roots of good table size. Especially desirable for field culture on heavy soil; good keeper. Roots scarlet-orange; broad, blunt, heart-shaped; become $4\frac{1}{2}$ to 5 in. long; easily harvested. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Chantenay Carrot

CELERY

1 packet will produce 300 plants.

Giant Pascal. 140 days. The standard late, green Celery of excellent quality. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.50.

Golden Self Blanching. Select. 85 days. Early and very desirable for home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.50.

Celeriac. Turnip rooted. 120 days. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

COLLARDS

Georgia or Southern. A variety of Cabbage that does not form a head, but produces a mass of leaves. Very hardy and continuous grower. Pkt., 10c; oz., 15c; ¼ lb., 50c.

CORN SALAD

Large Leaved. Sometimes called Lamb's Lettuce. An extremely hardy type plant that forms rosettes of tender leaves which are used as a substitute for Lettuce and mixing with salads. Leaves are large, rounded, and thick. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.



Golden Cross Bantam Hybrid

SWEET CORN

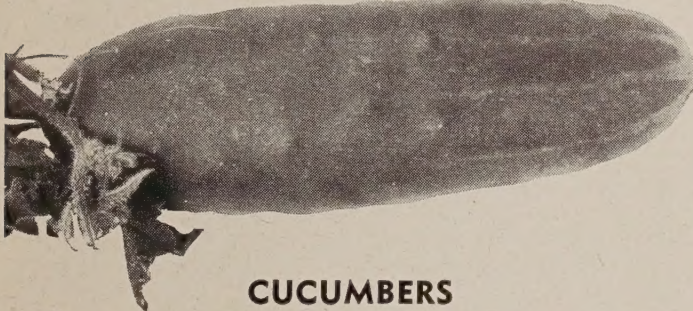
1 pkt. plants 40 hills: 1 lb., 250 hills: 15 lbs. to acre.

Plant seed after all danger of frost has passed and the soil has become thoroughly warm, in rows 2½ to 3 ft. apart, spacing the seeds 4 to 6 in. apart in the row; cover with 1 in. of soil and later thin to stand 9 to 12 in. apart.

Golden Cross Bantam Hybrid. 85 days. Bred for wilt resistance, high yield and superlative quality. Grows 7 to 8 ft. high. Fine ears with 10 to 14 rows of light golden kernels. Pkt., 10c; ½ lb., 25c; lb., 45c; 5 lbs., \$2.00.

Evergreen Hybrids. 90 days. You've tried yellow hybrids, now test the superiority of this Corn of the Stowell's Evergreen type. Plants grow 8 to 10 ft. tall, ears measure 7½ to 8½ inches, with 14 to 18 rows of deep, narrow kernels. Pkt., 10c; ½ lb., 30c; lb., 55c; 5 lbs., \$2.50.

Country Gentleman. About 95 days. The grain is small and crowded together on the cob, instead of forming in defined rows. Deliciously tender and sweet. Pkt., 10c; ½ lb., 20c; lb., 35c; 5 lbs., \$1.50.

**CUCUMBERS**

Do not plant Cucumbers before danger of frost has passed, as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows 4 feet apart. For pickles, plant from June first to middle of July. ½ oz. to 25 hills; 2 lbs. to 1 acre.

Black Diamond. Stay green 64 days. Fruits rich dark green, retaining their color long after picking. 7 to 8 inches long, 2¾ inches thick. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

Davis Perfect. 60 days. A very fine Cucumber. Beautiful dark green color. Fruits 8 to 10 inches long, tapering at both ends, solid flesh, few seeds. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

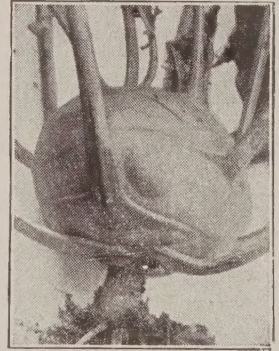
London Long Green. 70 days. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

Straight Eight. 64 days. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green. Pkt., 10c; oz., 20c; ¼ lb., 70c; 1 lb., \$2.15.

Snow's Perfection Pickling. 60 days. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.



Large Purple Eggplant



Kohl-rabi

EGGPLANT

Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet each way; cultivate frequently.

Black Beauty. 80 days. It is oval in shape, uniformly the darkest in color. Perfectly spineless and smooth. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Improved New York Purple. About 83 days. Early and almost continuous bearing; fruits are satiny smooth, rich purple color and large. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

ENDIVE

1 oz. of seed for 50 ft. of row.

One of the best salads for fall and winter use, and sometimes used for greens, flavoring soups and stews. It may be grown at any season but is more generally planted for fall.

Broad-Leaved White or Escarolle. 92 days. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well-blanching heart of infolded broad leaves. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Green Curled. 95 days. The leaves of this variety are finely divided, giving a mossy appearance. Pkt., 10c; oz., 20c; ¼ lb., 50c.

HERB SEEDS

Every kitchen garden should have some of the popular herbs.

CARAWAY. Seeds used in bread, confections, etc. Pkt., 10c; oz., 40c.

CORIANDER. Seeds used in confectionery, etc. Pkt., 10c; oz., 35c.

DILL, Long Island Mammoth. Leaves and seeds used in pickles, preserves. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

LAVENDER. A popular perfume, true English grown. Pkt., 10c.

MARJORAM, SWEET. For seasoning. Pkt., 10c.

SAGE. Broad-leaved. English. For seasoning. Pkt., 15c; oz., 75c.

SUMMER SAVORY. For seasoning. Pkt., 10c; oz., 75c.

SWEET BASIL. Leaves are used for aromatic seasoning. Pkt., 15c.

KALE

Siberian. 40 days. Very hardy and improved by moderate frost. Sow in May or June. Makes excellent greens, tender and fine flavor. Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

Dwarf Green Curled Scotch. 55 days. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

KOHLRABI

1 oz. of seed will produce from 3000 plants.

For early use sow in hotbeds and transplant. Out-of-doors sow in open ground the first part of April in rows 18 inches apart; thin out.

Earliest White Vienna. 55 days. Greenish white outside, with clear white flesh within, fine quality. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.

Earliest Purple Vienna. Same in every respect except in color. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.

LEEK

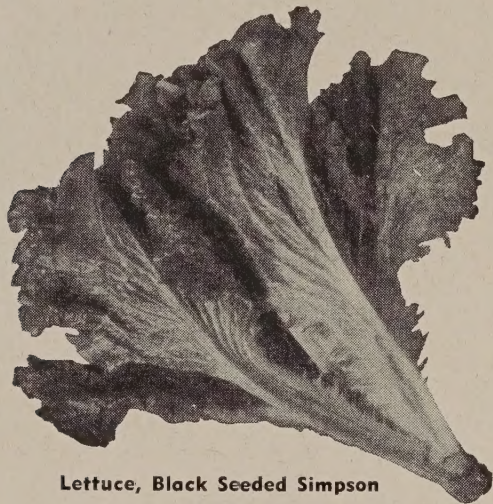
The long, thick, blanched neck is desirable for soups, stews, or creamed. It belongs to the Onion family.

Large London Flag. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20.

LETTUCE

1 oz. will produce 3000 plants.

Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills, being careful to firm the soil over the seed and thin to 4 inches in row.



Lettuce, Black Seeded Simpson

EARLY CURLED VARIETIES

Early Curled Simpson. 45 days. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 10c; oz., 25c; ¼ lb., 60c; 1 lb., \$1.75.

Black-Seeded Simpson. 45 days. Easily grown, especially recommended for spring and early summer use. The leaves are large, yellowish green, fringed and crumpled. The inner leaves are almost white. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75.

Grand Rapids. 45 days. Especially adapted for early family use. A loose-headed lettuce of pleasing appearance and remarkable table merit. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

Oakleaf. Noted for its ability to withstand hot weather without turning bitter. Leaves are smooth and lobed to resemble the leaf of an oak tree, deep green and tender. Pkt., 10c; ½ oz., 20c; oz., 40c.

Prize Head. 40 days. Forms a very large loose head, slightly tinged brown. Pkt., 10c; oz., 20c; ¼ lb., 60c.

HEADING VARIETIES

Big Boston. 70 days. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75.

Bibb Lettuce. A loose waxy head variety with very deep green outer leaves, bleaching to a rich yellowish green inside. Heads medium size, unusually crisp and tender, and of a distinct flavor. Very popular for family gardens. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Great Lakes. 75 days. Iceberg type, bred to make tight heads in hot weather. Pkt., 10c; ½ oz., 25c; oz., 40c.

New York or Wonderful. (No. 12.) A decidedly crisp, Cabbage-heading variety. Very large, rooting deeply, resisting hot, dry weather, slow to run to seed. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.50.

WATERMELON

1 oz. for 20 hills; 3 to 4 pounds per acre.

Kleckley's Sweet. 95 days. This is considered the sweetest of the large melons. Particularly adapted for home garden.

Stone Mountain (or Dixie Belle). 110 days. Rich dark green in color with scarlet flesh that is exceptionally sweet.

Tom Watson. 110 days. The rind is dark blue-green; the flesh is deep red and very sweet.

All above: Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

MUSKMELON or CANTALOUPE

1 ounce plants 50 hills; 2 lbs. to 1 acre.

Plant in May for early crop; in June for late crop.

Hale's Best. 85 days. Exceptionally fine quality, originating in California's famous Imperial Valley. Salmon flesh, medium early. A splendid shipping melon. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Pride of Wisconsin. 90 days. Salmon flesh of unusual thickness. The melon grows to an average size of 8 inches. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

MUSTARD

1 oz. will sow 40 ft.

Mustard greens are as healthful and nourishing as Spinach.

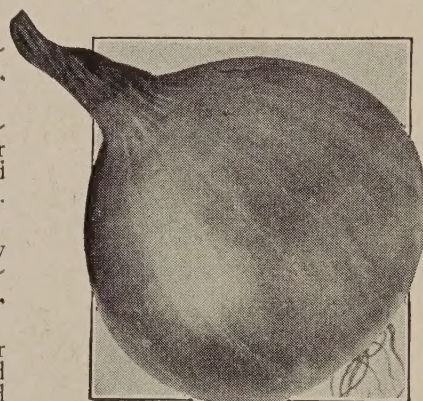
Chinese Broad-Leaved. The leaves are broad, smooth and often 12 inches long. Color deep green. Oz., 10c; ¼ lb., 35c; 1 lb., 75c.

Southern Giant Curled (Long Standing). 30 days. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. 1 oz., 10c; ¼ lb., 35c; 1 lb., 75c; 5 lbs., \$3.50.

OKRA or GUMBO

Okra pods are used in soups, stews, catsup and other relishes. They are at their best when 1 to 3 inches long.

Dwarf Green Prolific. 65 days. Low, stocky and productive, with long pods. Oz., 10c; ¼ lb., 35c; lb., 90c.



Sweet Spanish Onion



Parsley, Curled

ONION

1 oz. will sow 100 ft. of row.

One of the most nutritious and healthful of vegetables, having excellent medicinal qualities and most useful for flavoring salads, soups, meats, etc. It can be produced easily from seed and is one of the most satisfactory vegetables in the garden.

Southport White Globe. 110 days. This variety yields abundantly, producing medium to large, fine shaped clear white bulbs. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; 1 lb., \$4.90.

Riverside Sweet Spanish. 110 days. A very large globe-shaped, light yellow Onion with small top and an exceptionally fine shipper. It is a Spanish variety resembling Prizetaker, which has quickly become very popular. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; 1 lb., \$5.50.

Philadelphia Silverskin. (For pickling.) This is a medium sized Onion of mild flavor and with clear white skin. The variety is a favorite bunching Onion, and for pickles. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25; 1 lb., \$4.50.

PARSLEY

1 oz. sows 150 ft. of drill.

Easily grown and useful for so many purposes. Seed is sown in rows ½ inches deep and one foot apart. Cover firmly but not deep. As it is slow to germinate, usually taking 3 to 4 weeks, soaking in water is desirable.

Double Curled. The best green curled. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.40.

Hamburg Rooted. The root of this variety is edible. The roots may be stored in sand for winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

PARSNIP

1 oz. for 100-ft. row, 5 lbs. per acre.

General culture for Parsnips is the same as for Beets, except a light or slightly sandy soil is best. May be left in ground through winter.

Hollow Crown. 95 days. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.00.

GARDEN PEAS

1 lb. is enough for 100 ft. of row.

Peas make their best growth during cool weather so that the first planting of seed should be made as early in the spring as the soil can be worked. Sow an early variety 2 or 3 times at 10-day intervals or choose from the smooth-seeded early, wrinkled-seeded early and main-crop varieties. Sow again in late summer for a fall crop.

Alaska-Ameer Mammoth Pod. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Vine about 30 inches high. Matures in about 56 days. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

Laxton's Progress. 62 days. The earliest of the large-podded dwarf Peas. Pods 4½ inches long, containing 7 to 9 dark green Peas. 18 inches tall. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50.

Little Marvel. 63 days. A leading variety of wrinkled-seeded. Grows 18 inches high. Pods average 3 inches, well filled with 7 or 8 large, deep green Peas. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.35.

Mammoth Pod Extra Early. 65 days. Large pods, sweet rich quality, long lasting. Very popular for home garden and market. About 32 in. high. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50.

PEPPER

1 oz. will produce 2000 plants.

Seed should be sown in a hotbed or in a shallow box in a warm place in the house, allowing 8 to 10 weeks to produce plants large enough to set outdoors when all danger of frost is past.

Bell or Bull Nose. 65 days. An early sweet Pepper. Large, bright red, thick flesh. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.40.

California Wonder Select. (Sweet.) 72 days. Standard of excellence in sweet Peppers. Heavy producer, fruit large, smooth. Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.25.

Chinese Giant. (Sweet.) 80 days. The largest sweet Pepper. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Hungarian Yellow Wax. 70 days. This large fruited, early, hot Pepper is highly esteemed for canning. The plants produce a fine crop of fruits 6 to 7 inches long and 2 inches in diameter. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$2.00.

Pimiento. 73 days. The shape is distinctly conical, medium size. Color, when young, is a glossy green turning ruby-red when ripe. Pkt., 10c; ½ oz., 30c; 1 oz., 55c; ¼ lb., \$2.00.

Ruby Giant. 73 days. Standard for home or market. Very productive. Pkt., 10c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.75.

SMALL FRUITED VARIETIES

Long Red Cayenne. The fruit is 4 inches long and 1 inch thick, twisted and pointed. The flesh is strong and pungent. Recommended for drying. Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.50.

Red Chili. Bright red when ripe and are very hot or pungent. They are used for making Pepper sauce. Pkt., 10c; ½ oz., 30c; 1 oz., 50c.

PUMPKINS

Culture: Generally planted in Corn after the last working and gathered after Corn has been shocked. For field crop, plant in May or June in hills 8 feet apart, about 5 to 10 seeds to the hill.

Kentucky Field. 100 days. Standard large Pumpkin for canning and for stock feed. Oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Small Sugar. 100 days. Round, slightly ribbed fruits of medium size, about 7 in. in diameter. Bright orange skin and rich orange flesh which is meaty, sweet, and fine grained. Wonderful for pies; in fact, this is the celebrated New England Pie Pumpkin. Best pumpkin for general use; good keepers. Pkt., 10c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.40.

RADISHES

1 oz. will sow 100 ft. of row.

One ounce sows 75 ft. of drill. If broadcast requires 10 lbs. per acre. For forcing in frames sow in January or February. Out-of-doors, sow from March to June for early summer crop. For late, sow from July to September. Early sorts mature and are ready for the table in 21 to 30 days from sowing.

Crimson Giant. 30 days. Roots scarlet, spherical. Largest early Radish which remains crisp the longest. Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

Scarlet Turnip White Tipped or Sparkler. Something extra fine, 23 days. The lower half is white, the upper half bright scarlet, the contrast in color being very showy either on the table or market stand. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.

Scarlet Globe. (Selected Stock.) 23 days. The interior of the root is pure white, mild, crisp and fine grained. Recommended for market garden or forcing. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.

Icicle. 35 days. A magnificent white variety. Grows 3½ to 4 inches long. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.

Long Scarlet Short Top. 28 days. This is a well known sort with long, bright scarlet roots 6 or 7 inches long, with small top. Oz., 10c; ¼ lb., 35c; 1 lb., 90c.



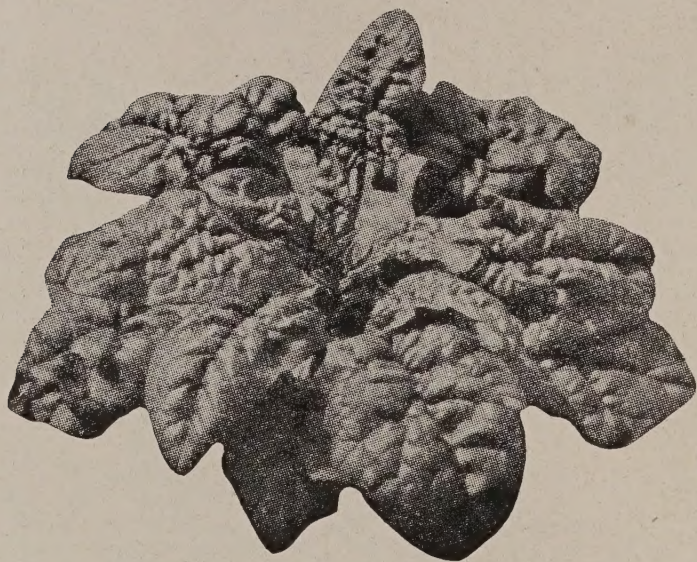
Chinese
Giant Pepper

WINTER RADISHES

Rose-Colored China. 40 days. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Round Black Spanish. 40 days. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white. A fine keeper. Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

California White Mammoth. Very solid and tender. The best white Radish for late fall planting. Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.



Bloomsdale Long Standing Spinach

RHUBARB or PIE PLANT

Myatt's Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. Oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25.

RHUBARB ROOTS

These roots save you at least 2 years' time over planting seed. Suitable roots ready to plant. Seedlings, each 20c; 3 for 50c; 12 for \$1.80.

SALSIFY

Often called "Oyster Plant" and is easily grown.

Sow in April in rows 18 inches apart, thinning out to 4 to 6 inches. Cultivate deeply and often. It is hardy and will remain out all winter and stored in earth or sand to keep it from wilting. 1 oz. sows 75 ft.; 8 lbs. per acre.

Mammoth Sandwich Island. This variety is uniform in growth. The roots are of superior quality and most delicate flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

SPINACH

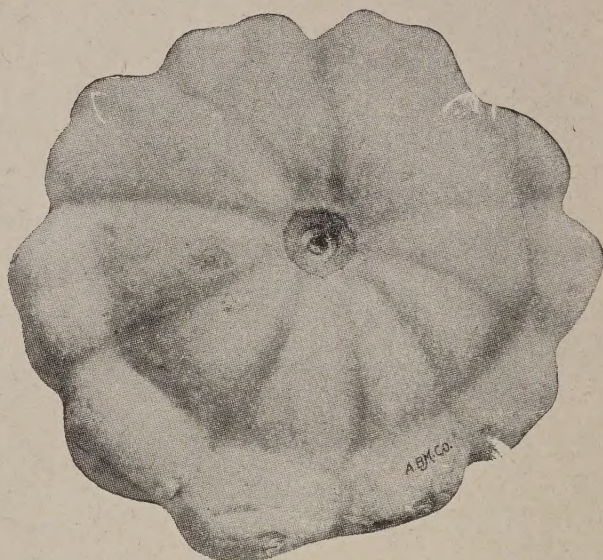
1 oz. to 30 or 35 ft. of drill.

Sow early in spring. Spinach is high on the list of health-giving and body-building vegetables. Grow more and eat more. It is essentially a spring and autumn crop and delights in cool, moist weather. While an annual, it is so hardy that it may be sown in the autumn and carried over winter except in the extreme North, coming on very early in the spring.

Bloomsdale Long Standing. 45 days. An outstanding strain of the Savoy Leaved Spinach. Much in demand for home and market gardens. It is slow to run to seed. Plant uniform, handsome, compact with large dark green blistered and crumpled leaves. Shipped extensively from the extreme South. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 65c; 10 lbs., \$5.00.

Giant Nobel or Giant Thick Leaved. The seed of this thick-leaved variety produces the largest Spinach under cultivation. It grows rapidly and remains in good condition a long time. The medium-green leaves are large, rounded. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 65c; 10 lbs., \$5.00.

Zealand Spinach. 60 days. While this is not a member of the Spinach family proper, it furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.



Mammoth White Bush Squash

SQUASH

1 oz. will plant 20 hills; 2 lbs. an acre.

Do not plant until all danger of frost is over. The bush summer varieties of Squash can be planted 5 feet apart, but the running winter varieties should be 8 to 10 feet apart.

Watch for the Squash Bug. Dust with Insecticide early and often.

Mammoth White Bush. 54 days. Creamy white and scalloped around the edges; flesh is milk-white and of delicious flavor. Widely used for stewing or boiling. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Chicago Wartyed Hubbard. 110 days. Chicago Wartyed Hubbard Squash has been bred to the highest quality; fruits are large; skin rough, dark green; flesh bright orange, fine grained, rich and dry. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.

Yellow Summer Crookneck. 55 days. Our strain produces fruit nearly double the size of the old "Crookneck." Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Italian Marrow or Zucchini. 60 days. When matured it is 18 inches long, 5 to 7 inches in diameter and an excellent keeper, very dark green. A bush type and very productive. There is nothing better for slicing and frying when small. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

SWISS CHARD

Rhubarb Chard. Bright crimson stalks, dark green, heavily crumpled leaves, easily grown, decorative as well as delicious. Large pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Lucullus. 60 days. Large leaves are wrinkled, with thick midribs, tender and of good flavor. Large pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.



Swiss Chard



Break O' Day Tomato

TOMATOES

1 oz. will produce about 1000 plants.

Tomatoes should be in every garden. It is quite simple to grow your own plants. Sow the seed in a hotbed, or in a shallow box in the house, allowing 6 to 8 weeks to produce plants large enough for setting outdoors when weather becomes warm. Sow in rows 3 in. apart and cover with $\frac{1}{4}$ in. of soil. When plants are about 2 in. tall, transplant to stand 4 in. apart each way, or pot singly in 3-in. pots. Plant outdoors when all danger of frost is past, in rows 4 ft. apart and 3 ft. apart in the row.

Bonny Best. 75 days. One of the most prolific of the early Tomatoes. Medium size, solid, bright red. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.50.

Break O' Day. Wilt resistant. 85 days. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.65; 1 lb., \$6.00.

Crimson Cushion or Beefsteak. 98 days. Late, red, very large. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.50.

Earliana. Very early—particularly valuable for home and early market garden. Medium size, deep scarlet. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.50.

Firesteel. 62 days. A small vine, large fruited Tomato that is early, smooth, red through, of semi-acid flavor. For dry seasons there is nothing equal to it. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c.

Gulf State Market. 80 days. Very fine second early, crimson, medium size, very solid. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Jubilee. New orange colored. Bronze medal in All-America 1943 trials. Non-acid, meaty, recommended. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c.

Livingston's Beauty. Purplish pink, somewhat flattened, large, smooth. An old variety which withstands adverse weather. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Livingston Globe. 85 days. A large purplish pink, globe-shaped or very nearly round Tomato of excellent quality. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; 1 lb., \$6.50.

Marglobe, Certified. 85 days. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.65; 1 lb., \$6.00.

Marhio. A wilt-resistant pink Marglobe. An introduction from the Ohio Experiment Station, popular as a variety for greenhouse forcing, market and home gardening use. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.50.

Michigan State Forcing. Wilt resistant. Distinct greenhouse Tomato developed at Michigan State College. Rich, deep scarlet fruits. Pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50.

Oxheart. 90 days. Extra large, heart-shaped, few seeds, mild flavor. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 85c; $\frac{1}{4}$ lb., \$3.00.

Pan-America. 67 days. This new variety, developed by the U. S. Department of Agriculture, is highly resistant to nailhead rust and fusarium wilt. The fruits are bright scarlet in color, medium large. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.75.

Ponderosa. 85 days. Extremely large; purplish pink, few seeds, mild flavor. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.50.

Pritchard. (Scarlet Topper.) 90 days. Fine all-round variety, heavy yielder; second early; wilt-resistant; fruit solid. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Rutgers, Certified. 85 days. Desirable for market gardeners; bright red, smooth, thick walls—firm and mild. Does well even at a low fertility level. Favorite in sandy soil. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.65; 1 lb., \$6.00.

Stokesdale. 75 days. Early, suitable for shipping. Fruits uniform, deep scarlet; globe shape. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.65.

Stone. 90 days. Valuable for market and canning; heavy producer; deep scarlet. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.65; 1 lb., \$6.00.

PICKLING or PRESERVING TOMATO

Red Cherry. Used for preserving and pickling. Fruit small, round and deep red.

Yellow Plum. Fruits plum-shaped, clear yellow color. Either above: Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.



Purple-Top White Globe Turnip

TURNIPS

For early use, sow in March or April, either broadcast, or in drills.

Turnips for main crop are sown from July to September 15th, broadcast $1\frac{1}{2}$ to 2 lbs. per acre. **An ounce will sow about 300 feet.** Turnips for greens can be sown as late as October 1st, and require 2 lbs. per acre.

Purple Top White Globe. Roots globular, smooth; bright purplish red above, white below. Flesh white, firm, fine grained and tender. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c; 10 lbs., \$5.50.

Seven Top, for Turnip Greens. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c.

RUTABAGAS

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top; flesh yellow. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c.

Selected Flower Seeds

Owing to great shortage of many varieties of flower seeds we are deprived of over 30 varieties.

ACHILLEA - Milfoil or Yarrow (Perennial)

Tr. pkt. 1/4 oz.
Ptarmica Snowball. An improved "The Pearl" with fuller and more perfect flowers. Fine for cutting\$0.35 \$0.60

AGERATUM, MEXICANUM Dwarf, Compact

Tr. pkt. 1/4 oz.
Midget Blue. Fine dwarf, compact, rich blue 1/8 oz., 75c..\$0.30 \$1.50
Blue Ball Improved. 6 to 10 in. Large flowered strain 1/8 oz., 60c.. .25 1.00
Blue Perfection. Deepest bue20 .40

ALYSSUM Tr. pkt. Oz.

Carpet of Snow. The best extra dwarf strain we know of 1/4 oz., 25c..\$0.15 \$0.90
Little Gem. 6 inches. White, good even stock 1/4 oz., 25c.. .15 .90
Violet Queen. Bright violet, dwarf, compact, fine for bedding and borders 1/4 oz., 30c:.. .20 1.10
Lilac Queen. A new variety, compact and a good color, lavender-lilac 1/4 oz., 25c.. .15 .90

ALYSSUM (Perennial)

Saxatile compactum (Basket of Gold). An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers 1/4 oz., 30c.. .20 1.00

AMARANTHUS

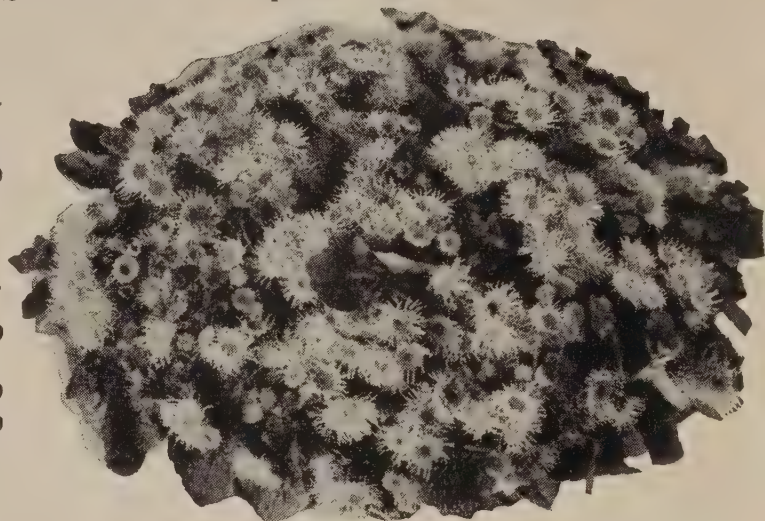
Tr. pkt. 1/4 oz.
Tricolor (Joseph's Coat). 2 1/2 ft. The inner foliage is of blackest bronze, tipped with green; the outer bright scarlet and gold\$0.15 \$0.30

ANCHUSA (Annual)

Tr. pkt. 1/4 oz.
Blue Bird. Attractive deep Forget-Me-Not-blue flowers. 18 to 24 in.\$0.15 \$0.25



Aquilegia, Long-Spurred Hybrid



Ageratum, Midget Blue

ANCHUSA (Perennial) Tr. pkt. 1/4 oz.

Myosotidiflora. A distinct dwarf species, 10 inches high, producing during April and May sprays of Forget-Me-Not-blue flowers. Excellent for the rock garden. \$0.50 \$2.00

ANTHEMIS - Marguerite (Perennial) Tr. pkt. 1/4 oz.

Kelwayi. A most satisfactory hardy perennial bearing daisy-like, golden yellow blossoms; excellent for cutting\$0.15 \$0.30

AQUILEGIA - Columbine (Perennial) Long-Spurred Columbine

The plants are of strong, thrifty growth, with flowers of largest size, varying in color through tones of cream, pink, lavender, blue, white, red, etc. Tr. pkt. 1/4 oz.
Mrs. Scott Elliott's Hybrids. An excellent and popular long-spurred mixture....

..... 1/8 oz., 60c..\$0.35 \$1.00
Blue Shades. A very fine strain of light and dark blue shades 1/8 oz., 50c.. .30 .90
Copper Queen. Copper-red and straw corolla 1/8 oz., 60c.. .35 1.00
Crimson Star. Out at present..... 1/8 oz., \$1.25.... .40
Orange and Scarlet Shades. Contains fine shades of orange-scarlet. 1/8 oz., 50c.. .30 .90
Rose Queen. Pink shades, long spurs. 2 1/2 ft. 1/8 oz., 60c.. .35 1.00
Snow Queen. 18 in. Finest pure white variety 1/8 oz., 50c.. .30 .90

ARABIS - Rock Cress (Perennial)

Snow Cap. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears 1/8 oz., 40c.. .20 .75
Rosea. Similar in habit to the above. The flowers are a delicate shade of pink 1/8 oz., 40c.. .20 .75

ARMERIA - Sea Pink; Thrift (Perennial) Tr. pkt. 1/4 oz.

Formosa hybrida. Heads of rosy pink flowers. Useful for edging or rockery. . \$0.25 \$0.65

ASPARAGUS

Carefully harvested, hand-picked, plump, well-matured seed.

Plumosus. The fine feathery variety.
Sprengeri.

Prices on above: Each, 100 seeds, 30c; 250 seeds, 60c; 1000 seeds, \$2.25.

SNAPS for Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops.

BETTER VARIETIES

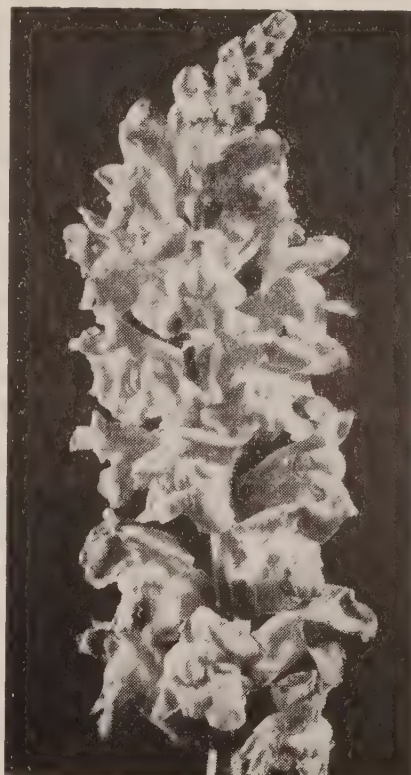
Varieties preceded by a (*) are best for early winter flowering. Tr. pkt.

The following are in originator's packages.

- ***Better Times.** Bright rose-pink, early bloomer . \$2.00
- ***Christmas Cheer.** The best early pink. Easy to grow, sure to bloom, pleasing color, sow in June for Christmas crop 3.00
- Delworth's Supreme.** A Canadian introduction by the well known grower Cecil Delworth. It is a selection of Cheviot Maid made for a period of years for earliness and uniformity 1.50
- Dorcas Jane.** (Yoder.) Light pink; slightly larger flower than Mary Ellen and shade deeper, and a little earlier. With a clean habit of growth and outstanding vigor 2.50
- ***Ethel.** Large, bright yellow flower, winter bloomer, well-formed head, good stems, shatterproof. 1.50
- Gilbert's Pink.** Medium early 1.50
- Glorious.** Deep bronze, shaded scarlet 1.50
- Junglewood White.** Its perfection is expressed not only in its sheer beauty, but in its dazzling whiteness; deep green foliage; tall, sturdy, whip-like stems; long spikes of closely set florets ... 2.00
- Junglewood Yellow.** 1946 introduction. Large rich yellow flower. Heavy spike and stem. Midseason-blooming 2.00
- Margaret.** (Yoder.) Is a winter-blooming ivory-white. The stem is exceptionally stiff and there is almost no side-growth. The florets are of medium size, last a long time and do not shed .. 2.00
- Marie Louise.** Beautiful seashell-pink. Strong and free-branching, producing long strong stems with compact flower spikes, flowers closely set . 2.00
- ***Mary Ellen.** (Yoder.) Is a light rose-pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side-growth and a long head with medium sized, evenly spaced florets 2.00
- ***Maryland Pink.** Early, light pastel pink. Large flowers 3.00
- ***Peggy Schumann.** A fine rose-pink, excellent spikes 2.00
- ***Schumann's Lavender.** A true color, produces a strong, sturdy stem with a spike of large moderately close flowers 2.00
- Schumann's Yellow.** Earlier and far superior to the old variety 2.00
- St. Louis Pink.** (Rowe.) Beautiful shade of silvery pink, the well-placed flowers being produced on wiry stiff stems. Spring bloomer ... 1.50
- ***Talisman.** Improved strain, early, all double, all bronze, true to type and color 1.50
- ***White Prosperity.** Clear white, extra fine 1.50
- ***White Wonder.** Early snow-white 1.50
- ***Yellow Delight.** Fine early yellow 1.50
- ***Yellow Wonder.** Early clear deep yellow 1.50

STANDARD GREENHOUSE VARIETIES

- Afterglow.** Deep golden bronze, medium early . 1.00
- Bertha Baur.** Lavender-orchid shade 1.00
- Ceylon Court Dark.** Early yellow 1.00
- Cheviot Maid Supreme.** Best early clear rose-pink 1.00
- Coates' Yellow Perfection.** A fine deep yellow, early 1.00
- Daybreak.** Strong, vigorous pink 1.00
- Lucky Strike.** Best white medium early 1.00
- Rose Queen.** Fine deep rose, medium early 1.00
- Sun Tan.** Rosy tan, yellow lip 1.00
- Velvet Beauty.** Rich American-Beauty-red in color 1.00
- Greenhouse Varieties, Mixed.** A good mixture.. .75



Antirrhinum

ANTIRRHINUM - Snap

For Outdoor Culture

Nanum Grandiflorum Rust Resistant

1½ feet

This class are suited best for pot sale. An extra large flowered class of fairly compact growth. Fine for spring flowering if started early.

Amber and Gold.

Carmine Rose. Bright rosy carmine.

DuBarry. Flaming salmon-rose.

Garnet. Rich velvety crimson.

Indian Girl. Old gold.

Wild Fire. Bright orange-scarlet.

Exquisite Mixed.

Super Majestic Mixed.

Prices on above varieties:

Each, tr. pkt., 25c; ⅓ oz., 45c; ¼ oz., 85c.

Maximum or Super Giants

Rust-Resistant. 2¾ feet.

In habit these are taller than the Majus group, and the individual flowers are much larger. Fine for cutting.

Campfire. Luminous scarlet.

Copper King. Copper-red.

Crimson King. Crimson.

Indian Summer. Orange-scarlet.

Loveliness. Soft rose-pink.

Red Cross. Crimson, white tube.

Rosalie. A rich deep rose.

Shasta. Pure white.

Yellow Giant. Deep yellow.

California Giants Exquisite Mixed.

Prices on above Maximum varieties:

Each, tr. pkt., 20c; ⅓ oz., 40c; ¼ oz., 75c.

Dwarf or Tom Thumb

Tom Thumb. These are only for pot plants or for edging. Grow 6 to 8 inches tall, small flowering.

Tr. pkt., 25c; ⅓ oz., 50c.

ASTERS—Wilt Resistant

Asters are now one of the most profitable cut flowers, whose culture has been greatly simplified by the introduction of Wilt-Resistant varieties.

Queen of the Market

Wilt Resistant. 1½ feet

Medium sized flowers. Blooms in July. The earliest

Aster of quality.	Tr. pkt.	¼ oz.	Oz.
Azure Blue	\$0.30	\$0.50	\$1.75
Crimson .....	.30	.50	1.75
Dark Blue .....	.30	.50	1.75
Flesh Pink .....	.30	.50	1.75
Light Blue. Medium blue .....	.30	.50	1.75
Rose. Soft rose .....	.30	.50	1.75
White .....	.30	.50	1.75
Finest Mixed .....	.25	.40	1.60

Early Royal

Wilt Resistant, 2 feet

Blooms mid-July, directly following the Queen of the

Markets.	Tr. pkt.	¼ oz.	Oz.
Azure Blue or Dark Lavender ...	\$0.30	\$0.50	\$1.85
Deep Rose. Taller .....	.30	.50	1.85
Purple. Deep purple .....	.30	.50	1.85
Shell-Pink .....	.30	.50	1.85
Coppery Rose .....	.30	.50	1.85
Scarlet .....	.30	.50	1.85
White .....	.30	.50	1.85
Finest Mixed .....	.25	.45	1.75

Giant Crego Improved (Incurved)

Wilt Resistant. 2½ feet

Twisted and curled petals. Flowers of good size.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue	\$0.30	\$0.50	\$1.75
Blue Flame. Bright navy blue ...	.30	.50	1.75
Crimson .....	.30	.50	1.75
Deep Rose. Bright rose .....	.30	.50	1.75
Light Blue .....	.30	.50	1.75
Pink. Shell-pink .....	.30	.50	1.75
Purple or Dark Blue .....	.30	.50	1.75
White .....	.30	.50	1.75
Finest Mixed .....	.25	.40	1.60

Lilliput

Small rounded flowers produced on upright growing, compact plants about 15 in. tall. Excellent for pot plants or bunching as cut flowers.

Rose. Light rose.

White with blue center.

White with rose center.

Tr. pkt., 30c; ¼ oz., 50c.



Single Asters



Aster, Princess Bonnie

Heart of France

Brilliant Red. Blooms about August 15th. Generally considered the best red Aster

Anemone or Crested

These types have crested or cushioned Anemone centers, forming fairly hard flowers suited for shipping.

Princess Barbara. Very attractive orchid.

Princess Bonnie. Silvery rose with golden center deepening as flower matures.

Tr. pkt., 30c; ¼ oz., 60c; 1 oz., \$2.25.

American Branching

Wilt Resistant

Plants 2½ to 3 feet tall, branching, robust, flowers large, double and fine form. Our selected stocks of these are the best money can buy. Flowers late August and early September.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue. Azure-blue or dark lavender	\$0.30	\$0.50	\$1.85
Crimson .....	.30	.50	1.85
Peerless Pink .....	.30	.50	1.85
Purple .....	.30	.50	1.85
Deep Rose .....	.30	.50	1.85
White .....	.30	.50	1.85
Mixed Colors .....	.30	.50	1.75

Ball Wilt-Resistant

2½ feet Tr. pkt. ¼ oz. Oz.

Ball White Late. Blooms early to mid-September	\$0.30	\$0.50	\$1.75
Ball White Early. Blooms late August to early September .....	.30	.50	1.75
Ball Deep Purple Early. Outstanding color. Blooms late August to early September .....	.30	.50	1.75
Ball Deep Rose Early. Attractive bright rose. Blooms about mid-August .....	.30	.50	1.75

Single Chinensis

Wilt Resistant

Plant 1½ to 2 feet tall, flowers Daisy-like, petals wide and closely placed, blooms in late August.

	Tr. pkt.	¼ oz.
Single Varieties Mixed	\$0.30	\$0.50

BALSAM

	Tr. pkt.	1/4 oz.
Double Rose-Flowering	\$0.20	\$0.30
Double Camellia-Flowered Mixture. At-		
tractive brightly colored mixture .....	.20	.30
Double Bush-Flowering Mixed .....	.25	.50

BEGONIA

Among the best bedding plants for semi-shady positions and equally valuable for house culture and pots.

Gracilis

	Tr. pkt.
Carmine. Rose-pink, bronze foliage	\$1.00
Fire Sea. Blaze of fire	1.00
Indian Maid. Scarlet-bronze foliage	1.00
Luminosa Compacta. Dwarf scarlet	1.00
Prima Donna. Fine pink	1.00
White Pearl. Pure white, green foliage	1.50

Semperflorens

Christmas Cheer. Crimson-scarlet	1.00
Christmas Red	1.00
Gustave Knaake. Salmon-pink	1.00
Radio. Glowing rose	1.00
Red King. Rose-red	1.00
Masterpiece. Rose-pink	1.00

BELLIS PERENNIS - Double English Daisy

This popular Double English Daisy is much used for spring and early summer bedding.

Red Rose Mixed

Each, above three:

Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

BROWALLIA

	Tr. pkt.
Viscosa Compacta, Sapphire. Compact growth with a profusion of small attractively light-eyed blue flowers	\$0.35

CALCEOLARIAS

	Tr. pkt.
Multiflora Nana Mixed. The average size of the blooms is only 1 1/2 inches, but the amount of flowers produced is unsurpassed	\$1.00

CALENDULA

Calendula are easily grown in a cool house with plenty of air. In fall, leave the ventilators wide open at all times if possible. A midwinter temperature of 45 degrees at night is best. If grown cool in a good soil you will get good hardy plants. The reason flowering plants sometimes come single is due to check in growth, such as poor soil, lack of water, or weakened through aphid. Sow seed first week in August for end of December or January crop. One ounce will produce about 2500 plants.

Ball's Gold Improved. Deep golden yellow, extra long stemmed.

Ball's Lemon Queen. Clear yellow, dark center, medium long stem.

Ball's Supreme. Light orange, dark center, medium long stem.

Ball's Masterpiece. The finest long stemmed, dark center, orange.

Ball's Improved Long Orange. Long-stemmed, light center, clear orange.

Sensation, Improved. Long stems; very double, brilliant orange.

Price of the above: Tr. pkt., 25c; 1/4 oz., 45c; oz., \$1.50.

Tr. pkt. 1/2 oz.

Chrysantha (Sunshine). Buttercup-yellow

Orange King. Rich deep orange-red, dark center, medium; fine for pots and bedding

CALLIOPSIS

	Tr. pkt.	Oz.
Gold Crest. Produces large, semi-double, golden yellow flowers with reddish brown eyes	\$0.15	\$0.60

CAMPANULA MEDIUM - Canterbury Bells

	Cup and Saucer. 3 ft.	Tr. pkt.	1/4 oz.	Oz.
Dark Blue	\$0.20	\$0.45	\$1.50	
Light Blue .....	.20	.45	1.50	
Rose .....	.20	.45	1.50	
White .....	.20	.45	1.50	
Choice Mixed. Extra fine .....	.20	.35	1.35	

CARNATION, GRENADIN

(Perennial)

	Tr. pkt.	1/8 oz.	1/4 oz.
Cardinal Red	\$0.35	\$0.60	\$1.10
Snow White .....	.35	.60	1.10
Triumph Deep Pink .....	.35	.60	1.10
Grenadin Mixed .....	.35	.60	1.10

CARNATION, CHABAUD'S GIANT IMPROVED

These Carnations come into bloom five months from time seed is planted and continue to bloom throughout the summer.

	Tr. pkt.	1/8 oz.	1/4 oz.
Mixed	\$0.35	\$0.60	\$1.10

CARDINAL CLIMBER

Tr. pkt. 1/4 oz.

Cardinal Red. Rapid growing annual climber, producing a profusion of brilliant cardinal-red flowers. To hasten germination file or cut notch in seed. \$0.20 \$0.50



Calendula, Sensation Improved

CANDYTUFT Tr. pkt. Oz.

Giant Hyacinth Flowered White, Extra Select. This is a very superior strain; it grows about 1½ feet high, with enormous trusses of blooms

..... ½ oz., 40c; lb., \$7.50..\$0.20 \$0.75

CANDYTUFT, PERENNIAL - Iberis

Tr. pkt. ¼ oz.

Gibraltarica. Lilac, shading to white\$0.20 \$0.40

Sempervirens. White, 1 ft.35 .85

CANDYTUFT, UMBELLATA

A popular spring cut flower. Sow in January, plant out 8x10 inches.

Tr. pkt. Oz. ¼ lb.

Flesh-Pink\$0.20 \$0.40 \$1.25

Lavender20 .40 1.25

Rose-Cardinal20 .40 1.25

White20 .40 1.25

Fine Mixed. All varieties20 .35 1.15

CELOSIA, DWARF

Feather varieties can be lifted to pots or transplanted from open ground when in full flower, much the same as hardy Mums. Fine for pot plants.

Tr. pkt. ⅛ oz.

Dwarf, Fire Feather\$0.25 \$0.50

Dwarf, Golden Feather25 .50

Dwarf Feather Mixture25 .50

CELOSIA, IMPROVED CRISTATA

(Dwarf Cockscomb)

For beds, borders and pots.

Tr. pkt. ¼ oz.

Empress. Dark foliage, dark red flowers..\$0.25 \$0.50

Glasgow Prize. Green foliage25 .50

Finest Mixed25 .50

Maple Gold. Beautiful combs varying in color from light to dark pink, tipped with gold. Grows 2 to 3 ft. high and makes an excellent cut flower

..... .25 .60

CELOSIA, TALL

The increasing popularity of this showy annual is explained by its ease of growth, making showy mass effects even in poor soil and hot climates.

Tr. pkt. ¼ oz.

Scarlet Plume. 4 ft. Brilliant crimson-scarlet. Very colorful for fall borders and for cutting\$0.25 \$0.50

Golden Plume. Tall. Same as above except in color25 .50

Thompsoni magnifica. 4 ft. Well balanced mixture of all colors in this class. .25 .50



Celosia



Candytuft, Hyacinth Flowered

CENTAUREA CYANUS, DOUBLE

(Cornflower or Bachelor's Button). 3 ft.

Seed of this valuable cut flower can be sown outdoors during September and usually lives outdoors during winter, same as annual Larkspur.

Tr. pkt. Oz. Lb.

Blue Boy. Finest blue\$0.15 \$0.45 \$5.00

Pinkie. Fine deep pink15 .45 5.00

Red Boy. Deep carmine-rose15 .45 5.00

Snow Man. White15 .45 5.00

Double Finest Mixed15 .35 4.50

CENTAUREA, WHITE-LEAVED

(Dusty Miller. For borders, vases, baskets.)

Tr. pkt. ¼ oz.

Candidissima. 6-inch. Silver-gray foliage. \$0.20 \$0.75

Gymnocarpa. 24-in. Fine, silvery foliage. .15 .30

CERASTIUM

Tomentosum (Snow-in-Summer). Silvery white foliage. White flowers. 16 inches .15 .40

CHEIRANTHUS - Wallflower

Golden Bedder. Deep yellow Tr. pkt. ½ oz.

..... ¼ oz., 25c..\$0.15 \$0.45

Allioni (Siberian Wallflower). Brilliant orange15 .35

CHRYSANTHEMUM, DOUBLE

Tr. pkt. ¼ oz.

Golden Crown. Bright butter-yellow flowers are quilled and come fully double..\$0.25 \$0.60



Shasta, Alaska

CHRYSANTHEMUM, SHASTA DAISY

(Perennial) Tr. pkt. Oz.

Shasta Alaska. The most popular of all. Very large pure white flowers with small yellow centers. 2½ ft. .. ¼ oz., 40c..\$0.25 \$1.00

Double Shasta Alaska. A fine double cut flower variety, about 70% double50

CINERARIA HYBRIDA

Tr. pkt.

Cremer's Prize. Improved. A very excellent market strain. Distinguished by small foliage, medium to small flowers produced very profusely in large heads and medium tall habit ..\$1.50

Siter's Rainbow Strain. An excellent market strain with immense heads of medium large, mostly white-eyed flowers and small foliage 2.00

CINERARIA MARITIMA

(Foliage Varieties) Tr. pkt. 1/4 oz.

Diamond. White leaved\$0.20 \$0.50

CLARKIA ELEGANS DOUBLE

2 feet. Sow in January, grow on in a flat or shallow raised bed. Must be run dry and not fed during growing season. Tr. pkt. 1/4 oz.

Finest Mixed\$0.15 \$0.35

CLEOME - Spider Plant

Pink Queen. A wonderfully attractive and extra large flowered strain of the old Spider Plant. Large heads (6 to 7 in. across) of newly opened luminous rosy pink flowers fading to a clear white as they mature, give a distinct and pleasing bicolor effect. Makes a heavy hedge-like row about 4 feet tall and 3 to 4 feet across. Tr. pkt., 20c; 1/4 oz., 40c.

COLEUS

Large Leaved Hybrids. Seed saved from newest and finest large leaved varieties of superbly variegated foliage. Tr. pkt., 50c.

CUPHEA

Tr. pkt.

Firefly. A very attractive spring pot plant that may be planted out for bedding and border work. Height 12 in. and covered with small bright scarlet flowers throughout the summer..\$0.25

COSMOS

Orange Flare. Height 2 1/2 feet. Orange flowers. The stems are long and wiry, well adapted for cutting. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

COSMOS, SINGLE SENSATION

Cardinal. Crimson. **Purity.** Pure white.

Pinkie. Light pink. **Sensation Mixed.**

Tr. pkt., 15c; 1/4 oz., 25c; oz., 75c.



Cineraria, Cremer's Prize Strain

COSMOS, LATE SINGLE

	Tr. pkt.	Oz.	1/4 lb.
Lady Lenox. Pink	\$0.15	\$0.35	\$1.25
Lady Lenox. White .....	.15	.35	1.25
Perfection. Crimson .....	.15	.35	1.25

COREOPSIS GRANDIFLORA (Perennial)

Very good cut flower. Tr. pkt. 1/4 oz. 1 oz.

Sunburst (New Gold). A fine semi-double strain\$0.15 \$0.30 \$0.90

Mayfield Giant. Extra large deep golden yellow. Single15 .25 .75

CYNOGLOSSUM - Chinese Forget-Me-Not

Tr. pkt. 1/2 oz.

Firmament. A dwarf (15 inches) selection from the original blue strain; rich blue, even habit\$0.20 \$0.60

DAHLIA

Seedling Dahlia strains have increased in favor rapidly the past few seasons. Can be flowered the first season if sown early. Tr. pkt. 1/4 oz.

Unwin's Dwarf Hybrids. Double and semi-double types. Very even habit, 18 inches, with an attractive bright color range 1 oz., \$1.90..\$0.25 \$0.50

DELPHINIUM (Perennial)

BELLADONNA TYPE

Belladonna Improved. Light blue, large flowered and a strong grower. The finest strain of Belladonna on the market. Tr. pkt., 40c; 1/4 oz., 75c; 1 oz., \$2.75; 1/4 lb., \$10.00.

Bellamosum Improved. Extra select, dark blue, large flowers, deeper and more uniform color. Tr. pkt., 40c; 1/4 oz., 75c; 1 oz., \$2.75; 1/4 lb., \$10.00.

Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. A fine, free-flowering, hybrid strain. Tr. pkt., 50c; 1/4 oz., 90c; 1 oz., \$3.00.

Wrexham or Hollyhock Strain. Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; 1/4 oz., \$1.40; 1 oz., \$5.00.



Delphinium

DELPHINIUM

PACIFIC GIANTS (Vetterle and Reinelt)

An early spring sowing of either the Giant Pacific Hybrids or the regular cut flower kinds such as Belladonna Improved will produce fine large clumps by next fall for greenhouse forcing or sale.

Black Knight Series. The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with huge tall spikes. The most outstanding novelty.

Bluejay Series. Every Delphinium lover seeks the true blue color. The color is striking, clear medium to dark blue.

Cameliard Series. This is a pure lavender self, with white bee, the individual flowers are very round and flat. Beautifully balanced spikes combine with excellent growing habits.

Galahad Series. Finest white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee. Individual florets 2½ to 3 inches in diameter.

King Arthur. Brilliant royal velvet with large white bee. Individual florets 2½ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes.

Round Table Series. As the name implies, this represents all the newest color developments and possessing size that will make them invaluable for show purpose. **Finest mixed.**

Summer Skies. Clearest light blue with white bee. Individual florets 2 to 2½ inches in diameter.

Prices of Above Varieties:

Tr. pkt., \$1.00; ⅛ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.

DIANTHUS - Pinks (Annual)

	Tr. pkt.	¼ oz.	Oz.
Chinensis, Double. Choice Mixed.	\$0.15	\$0.25	\$0.90
Chinensis, Single. Choice mixed.	.15	.25	.90
Fireball. Double dark scarlet ...	.15	.35	1.20
Heddewigi, Double. Choice mixed	.15	.25	.90
Heddewigi, Single. Choice mixed.	.15	.25	.90
Sweet Wivelsfield. The plants grow 12 inches high, with showy blooms in shades of pink and crimson .....	.15	.25	1.00
Westwood Beauty. A new single red Dianthus with long stems; a cross between Heddewigi and Chinensis .....	.20	.40	1.50



Dianthus, Westwood Beauty



Delphinium, Pacific Giants

Dianthus Plumarius - Grass or Clove Pinks (Perennial)

	Tr. pkt.	¼ oz.	Oz.
Cyclops, Single Perpetual. Various colors, red eye	\$0.20	\$0.35	\$1.25
Spring Beauty. Double giant-flowered Carnation-like in form and with a beautiful color .....	.25	.50	1.75
Plumarius Single (Single Pinks). Fine mixed .....	.20	.35	1.00
Plumarius Double. (Double Pinks.) Fine mixed .....	.25	.40	1.50

Dianthus - Pinks for Rock Garden

	(Perennial)	Tr. pkt.	1/8 oz.
Allwoodi alpinus. Flowers first year from seed. 4 to 6 inches high; mixed colors.			
A gem for the rock garden; fragrant.		\$0.35	\$0.75
		Tr. pkt.	1/4 oz. Oz.
Caesius (Cheddar Pink). A dwarf tufted variety. Rose-pink flowers			
ers	\$0.15	\$0.30	\$1.00
Deltoides Brilliant. Rich rose-pink	.25	.50	1.75
Rock Garden Rare Species Mixed.	.35	.65	2.50
Dianthus barbatus. See Sweet William, page 22.			

DIDISCUS

	Tr. pkt.
Coeruleus. Blue Lace Flower	\$0.25

DIGITALIS - Foxglove

	Tr. pkt.	¼ oz.
Giant Shirley Mixed. A greatly improved strain of unusually strong, vigorous growth. Enormous spikes 3 to 5 feet in length set with very large flowers	\$0.15	\$0.60

ESCHSCHOLTZIA - California Poppy

	Tr. pkt.	Oz.
Hybrida Mixture.	\$0.15	\$0.75

FEVERFEW - Matricaria

	Tr. pkt.	¼ oz.
Ball's Double White. Extra	\$0.35	\$0.75
Dwarf Double Golden Ball .....	.25	.60

FOUR O'CLOCK

	Pkt.	Oz.
Marvel of Peru, Mixed	\$0.10	\$0.25

FORGET-ME-NOT - Myosotis

(Biennial)

Tr. pkt. 1/8 oz.

Alpestris, Blue Ball. Rich indigo blue ..	\$0.35	\$0.60
Alpestris, Victoria. Azure-blue .....	.35	.60
Royal Blue. (Indigo blue.) 12 in. Deep		
rich blue .....	.35	.60
Oblongata, Blue Bird. Large deep blue		
flowers 3 to 4 months after sowing;		
height 1 ft. ....	.35	.50

GAILLARDIA GRANDIFLORA

(Perennial)

One of the showiest and most effective hardy perennial plants. It should have a place in every hardy border, also splendid for cutting. 2 feet.

Tr. pkt. 1 oz.

Burgundy. Self-colored wine-red, 2 1/2 in.		
in diameter, on long stiff stems, from		
June until fall	1/4 oz., 45c..	\$0.30 \$1.50
Dazzler. Large flowers, bright golden yellow,		
with rich maroon-red center. 3 ft.		
.....	1/4 oz., 40c..	.25 1.40
Goblin. Very compact globular plants, red		
and yellow bicolor	1/4 oz., 50c..	.30 1.75
Portola Hybrids. The flowers are very		
large, of great substance. Color a brilliant		
scarlet with copper hue. Petals		
heavily tipped with golden yellow. 2 1/2		
to 3 ft.	1/4 oz., 40c..	.25 1.40
Grandiflora Superb Mixed. Splendid combinations		
of crimson and gold in great		
variety	1/4 oz., 35c..	.25 1.15

GAILLARDIA PICTA

(Annual)

Tr. pkt. Oz.

Lorenziana Double Choice Mixed		
.....	1/4 oz., 35c..	\$0.20 \$1.10

GEUM (Perennial)

Tr. pkt. 1/4 oz.

Mrs. Bradshaw. Large double, brilliant		
orange-scarlet; height, 1 1/2 ft.	\$0.25	\$0.50
Prince of Orange. Large, showy, orange-		
red flowers .....	.35	.75

GOURDS, ORNAMENTAL

Decorative Varieties, Mixed. 1/4 oz., 15c; oz., 45c.

COMPHRENA - Globe Amaranth

An attractive everlasting garden flower with some value for cutting. A fine bedder for hot, dry climates. Rubra. 30 in. Magenta-purple. A bright deep shade. Mixture of colors.

Prices on the above variety and mixture, each:

Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

GREVILLEA

Robusta (Australian Silk Oak). Popular for specimen or combination work. Crop failed.

GYPSOPHILA ELEGANS

These are always in demand for mixing with other cut flowers. Several plantings can be made during the season in order to have a succession of bloom.

Covent Garden Market Reselected. 2 ft. An improved giant pure white. Tr. pkt., 15c; oz., 25c; 1/4 lb., 65c; 1 lb., \$2.25.

Grandiflora Alba, London Market. The largest flowered pure white Gypsophila. Tr. pkt., 15c; oz., 25c; 1/4 lb., 65c; 1 lb., \$2.25.

Elegans Carmine. Same habit as others, but with bright carmine-pink flowers. Rather small flowered. Tr. pkt., 20c; 1/4 oz., 35c; 1 oz., \$1.25.



Gaillardia

GYPSOPHILA - Baby's Breath

(Perennial)

Pacifica. Pink variety of strong growth blooming later than Paniculata. 4 ft. Tr. pkt., 30c; 1/8 oz., 50c.

Paniculata. Small, white flowers about 50 per cent double. An excellent strain for drying. Tr. pkt., 35c; 1/8 oz., 65c.

Repens, White. Dwarf trailer with masses of small white flowers. 6 inches. Tr. pkt., 30c; 1/8 oz., 50c.

HELICHRYSUM

The popular double Strawflower.

Choice Mixed. Tr. pkt., 15c; 1/4 oz., 35c; 1 oz., \$1.10.

HEUCHERA - Coralbells

(Perennial)

Sanguinea. 24 in. Crimson. An attractive garden plant with some value for cutting. Tr. pkt., 50c; 1/16 oz., \$1.00.

HOLLYHOCKS

(Perennial)

Imperator. Choice double fringed mixture. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.25.

Triumph. Double mixed. Flowers waved and fringed. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.25.

CHATER'S DOUBLE

Double Scarlet	Double Newport Pink
Deep Rose	White
Maroon	Mixed
Yellow	

Each: Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.50.

(Annual)

Indian Spring. Starts to bloom 5 months from seed sowing and continues until frost. Semi-double light pink and rose flowers are borne mostly on central spike. Tr. pkt., 25c; 1/4 oz., 35c; 1 oz., \$1.25.

HUNNEMANNIA

Sunlight. Semi-double. Tr. pkt., 20c; 1/4 oz., 40c.

IMPATIENS

Provide splendid pot plants. Also useful for porch boxes. Will succeed in partial shade. Tr. pkt.

Holsti Hybrids. Range from pink through red shades to purplish violet \$0.50

Sultani Hybrids. Colors range from pale pink to dark crimson50

KOCHIA

(Summer Cypress or Mexican Fire Bush)

Childsi. Improved strain. Tr. pkt., 10c; oz., 25c.

ANNUAL LARKSPUR

**TALL BRANCHING DOUBLE STOCK
FLOWERED, 4 Feet**

The tall double stock-flowered are best suited for outdoor planting. Seed sown latter part of September usually winters over well in our latitude.

Dark Blue. Fine dark blue.	Lilac Improved.
Empress Rose. Select rose.	Rosamond. Rose-pink.
La France. Salmon-pink.	White. Pure white.
Los Angeles. Salmon-rose.	Mixed. Best mixed.
Tr. pkt., 25c; oz., 75c; ¼ lb., \$2.50; lb., \$9.00.	

IMPERIAL or BASE BRANCHING

These Larkspurs are ideal for cut flowers as the flower stems, three to four feet long, branch from the base of the plant. Best for indoor forcing.

Blue Bell. Fairly deep blue; excellent.	Lilac Queen. Rich lilac-lavender.
Blue Spire. Very deep violet-blue.	Lilac Spire. A fine lilac.
Exquisite Rose. Soft rich pink.	White King. A fine early white.
Gloria Improved. Deep rose-pink.	White Cockade. Pure white.
Los Angeles Improved. Salmon-rose.	

Prices above varieties: Tr. pkt., 25c; oz., 80c; ¼ lb., \$2.75; lb., \$10.00.

LINARIA MAROCCANA

Fairy Bouquet (Miniature Snapdragon). 10 inches. Flowers very early and freely. Tr. pkt., 20c; ¼ oz., 40c.

LINUM - Flax (Perennial)

Perenne (Blue Flax). Pale blue, round-shaped flowers on slender stems, height 18 inches. Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 75c.

Grandiflorum Rubrum (Crimson Flax). 2 ft. Brilliantly colored summer annuals, glowing crimson-rose. May be had in bloom from May to October by successive sowings. Tr. pkt., 15c; ¼ oz., 25c.

LOBELIA

Tr. pkt. ¼ oz.

Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue	\$0.30	\$0.65
Crystal Palace Compacta. 4 inches, ultramarine-blue. The best for edging; dark foliage . . . . .	.30	.60
Emperor William. Deep blue with light green foliage . . . . .	.30	.65
Mrs. Clibran. Deep blue, white eye, dark foliage . . . . .	.30	.60
Sapphire. For hanging baskets, large, deep navy-blue with white eye . . . . .	.30	.65

LOBELIA, PERENNIAL

Tr. pkt. ¼ oz.

Cardinalis. Deep cardinal-red spike. August flowering	\$0.35	\$0.75
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Larkspur

LUPINUS (Annual Lupines)

The annual varieties are popular cut flowers and excellent for forcing. Tr. pkt. Oz. ¼ lb.

Hartwegii Giant, King Blue	\$0.20	\$0.60	\$2.00
Hartwegii Giant, King White . . . . .	.20	.60	2.00
Hartwegii Giant, Sky-Blue . . . . .	.20	.60	2.00
Hartwegii. Mixed Colors . . . . .	.20	.50	1.50

LUPINUS - Polyphyllus (Hardy Lupine)

Fine for cutting. Requires a well-drained location and thrives best in cool climate.

	Tr. pkt.	¼ oz.	Oz.
Dark Blue	\$0.15	\$0.30	\$1.00
Rose . . . . .	.25	.40	
Harkness Regal Mixture. The standard fine hybrid mixture . . . . .	.20	.30	1.00
Russell Strain. Unusually long closely set flower spikes and the widest range of attractive colors found in Hardy Lupines . . . . .	.30	.50	

LYCHNIS

(Perennial)

Tr. pkt. ¼ oz.

Chalcedonica. Fine scarlet flowers. 2 ft.	\$0.20	\$0.40
Salmon Queen. Salmon-pink . . . . .	.25	.65

MARIGOLD - Tagetes

Tall African, Double Fistulosa 3 Feet

An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable for cutting.

Orange All-Double. A strain of African Marigold which has come about 95% double. A superior strain for cutting. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

All-Double Lemon. Same trueness to double type as All-Double Orange. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Burpee Gold. An odorless Guinea Gold, same deep golden orange color but considerably earlier. Fine for a spring greenhouse crop or for outdoor cutting if not too hot. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Mission Giant Yellowstone. Clear golden yellow. A new personality in Marigolds of exceptional merit. The plants grow about 18 inches high. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

All-Double Mixture. Mixture of above All-Double varieties. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.35.

African, Double Carnation-Flowered 2½ Feet

This new type produces practically 100 per cent double plants. The loose, informal flowers are fluffy in appearance and very popular for cutting.

Crown of Gold. New collarette type. Color golden orange. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.25.

Guinea Gold. Attractive deep golden orange flowers, 2 to 3 in., and very freely produced; fine for cutting. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Yellow Supreme. Bright lemon-yellow, loose petaled flower. Not quite as long stemmed as Guinea Gold. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Sunset Giants. This is a mixture ranging from deep orange through golden orange. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Double Carnation-Flowered Mixed. Tr. pkt., 20c; ¼ oz., 35c; oz., \$1.00.

Lieb's Winter Flowering. Mahogany-brown with golden yellow crested center. Tr. pkt., 20c; ¼ oz., 35c.

Winter Harmony. Bright orange crest with reddish guard petals. Tr. pkt., 25c; ¼ oz., 40c.

Dwarf French Double

1 Foot Tr. pkt. ¼ oz. Oz.

Butter Ball. Butter-yellow\$0.20 \$0.40 \$1.25

Golden Ball. Extra large flowers . .20 .30 1.00

Harmony. Center deep orange, surrounded by maroon-brown. .20 .30 .90

Lemon Ball20 .30 .90

Pallida. Dwarf compact, pale sulphur-yellow20 .30 .90

Robert Beist. Dark maroon20 .30 .90

Sunkist. Golden orange20 .40 1.25

Spry. Yellow crested center20 .40 1.25

Striped. Extra select20 .30 .90

Dwarf French Double Mixed20 .30 .90

Yellow Pigmy. Lemon-yellow, 8 in. .20 .35

Dwarf French Single

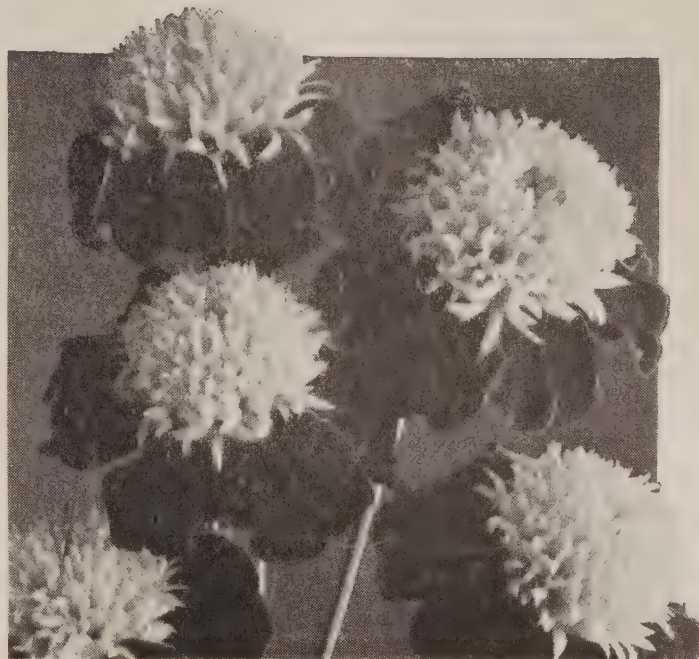
1 Foot Tr. pkt. ¼ oz. Oz.

Flash. New early flowering. Orange, fine for cutting and garden bedding\$0.20 \$0.45 \$1.50

Legion of Honor (Little Brownie). .15 .25 .65

Tagetes signata pumila. Very dwarf orange20 .35 1.25

Dwarf French Single Mixed15 .25 .75



Marigold

MATRICARIA

See Feverfew page 14.

MIGNONETTE - Reseda Odorata

Tr. pkt. ½ oz.

Machet, Golden Goliath. True gold color. \$0.20 \$0.50

Machet Giant Flowering Selected20 .50

Machet Rubin. Coppery scarlet20 .40

Machet Mixed20 .40

MYOSOTIS

See Forget-Me-Not page 15.

MOONFLOWER

Oz. ¼ lb.

Noctiflora. Large white\$0.30 \$0.90

MORNING GLORY

Tr. pkt. Oz.

Clarke's Early Heavenly Blue. A beautiful shade of belladonna-blue flowers...\$0.20 \$0.75

Scarlett O'Hara. Rich dark wine-red or deep crimson25 1.25

Pearly Gates. Large flowered pure white. .20 .95

NASTURTIUM, DOUBLE

Double Scarlet Gleam. Dazzling fiery orange-scarlet.
Double Golden Gleam. Especially adapted for window box culture.

Glorious Gleam Hybrids Finest Mixed.

Each: ½ oz., 15c; 1 oz., 25c; ¼ lb., 75c.

NICOTIANA - Flowering Tobacco

Crimson Bedder. 15 in. Makes a very compact growth and very free flowering. Deep crimson-red. Tr. pkt., 25c; ¼ oz., 60c.

White. 36 in. Tall and large flowered. Tr. pkt., 15c; ¼ oz., 35c.

NIEREMBERGIA

Tr. pkt.

Purple Robe. A fine dwarf deep violet-blue, blooms in 15 weeks from seed\$0.40

Hippomanica. An attractive lavender-blue, suitable for outdoor bedding. 6 to 8 in.40

PENSTEMON - Beard Tongue (Perennial)

Tr. pkt.

Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft.\$0.35



Steele's Pansies

GIANT PANSIES

Super Swiss Mixed. Grand in size, form, color and substance, in red, gold, rose, blue, violet, bordered, blotched and beautifully marked. Plants low and compact. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.50; oz., \$9.50.

Steele's Jumbo Mixed. This superb strain of Pansies is of largest size, richest and most varied colors. Most desirable for cutting; ideal

for selling in baskets. Tr. pkt., \$1.00; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00; $\frac{1}{2}$ oz., \$8.50; 1 oz., \$16.00.

Swiss New Dwarf Mixed. Very dwarf compact strain, extra early flowering, with complete color range, running to brighter sorts. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.50; oz., \$9.50.

SEPARATE COLORS

Adonis. Light blue and lavender shades. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

Coronation Gold. Dwarf, large flowered golden yellow. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

Grand Duke Michel. Pure white. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

Madame Steele. Royal purple. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

SELECTED PETUNIAS

Our Petunia seeds are of the finest quality, grown by the best growers in California, from selected plants, and are hand pollenized; no matter how careful the selection, you sometimes will find a few plants which revert to the old type; these usually bloom first. This is a natural habit of Petunias.

Colossal Shades of Rose

(All-America Silver Medal, 1945)

The first Giant All-Double Petunia produced in America. These giant double blooms are up to 5 inches or more across on vigorous compact plants, and are especially valuable for pot plants. This blend of colors comes in rich rose shades, from salmon-pink through rosy pink. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

All-Double America

America is the all-double type, of medium size, 100 per cent Carnation-flowered, and rose-pink in color. An abundant bloomer from early summer to frosts; for bedding and pots. Uniform and true. $\frac{1}{2}$ tr. pkt., \$1.25; tr. pkt., \$2.00.

SINGLE PETUNIAS

Dwarf Giants of California

Supreme Florist Strain

A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats. This dwarf class makes particularly fine 3 and 4-inch pot plants for spring business. Seed for this purpose should be sown in January.

Dwarf Giants of California Select Mixed. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. $\frac{1}{2}$ tr. pkt., 60c; tr. pkt., \$1.00; $\frac{1}{32}$ oz., \$2.75; $\frac{1}{8}$ oz., \$10.00.

Dwarf Giants of California, Ramona Strain, Dark and Light Shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well marked throats. $\frac{1}{2}$ tr. pkt., 60c; tr. pkt., \$1.00; $\frac{1}{32}$ oz., \$2.75.



Dwarf California Giants

Large-Flowering Ruffled Grandiflora

Generally more robust than the fringed and larger flowered—excellent for bedding. Flowers 3 to 4 inches in width. Height, 12 inches. Tr. pkt. $\frac{1}{32}$ oz.

Elk's Pride. Largest and best velvety purple \$0.50 1.75

Dwarf Pink Glory. Extra large flowered bright carmine-rose50 1.75

Giant Steel Blue. Light bluish white with dark veins50 1.50

Pride of Portland. A shade lighter than Pink Triumph, with a white throat and somewhat more dwarf50 2.25

Romany Lass. Deep crimson, deeper throat50 2.00

Purple Prince. Velvety purple with attractively fringed petals. A fine variety... .50 1.75

White Cloud. An effective all purpose dwarf white with nicely ruffled flowers. Particularly well liked for pot work .. .50 1.75

Snow Storm Improved. A fine white, dwarf, compact excellent variety50 2.50

Ruffled Grandiflora Fine Mixed50 2.00

Fringed. Choicé mixed50 1.50



Petunia, Dwarf Fringed

Large-Flowering Dwarf Fringed

Dwarf Erfurts

SINGLE DWARF FRINGED - 10-inch

For neat compact growth and richly fringed flowers, this class is most valuable for use as pot plants. Also highly attractive for bedding. Tr. pkt. 1/64 oz.

Elk's Pride Dwarf. Extra dwarf with large single fringed flowers of velvety violet.	\$0.50	\$1.50
Lace Veil. Pure white, large flowers, free flowering .....	.50	1.50
Setting Sun. Brilliant deep rose, dark throats, very free flowering .....	.50	1.50
Dwarf Erfurt Fringed Mixed .....	.50	1.25

SINGLE BEDDING PETUNIAS

Compact Dwarf Bedding

Admiral. Most attractive dwarf blue bedding Petunia. Flowers are ruffled, adding greatly to their distinctiveness. Tr. pkt., 35c; 1/32 oz., \$1.25.

Blue Bird. Another good medium violet-blue for bedding. Tr. pkt., 30c; 1/8 oz., 50c; 1/4 oz., 85c.

Celestial Rose Re-selected. Definitely superior to the regular Celestial Rose, slightly dwarfier in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Cockatoo. Deep velvety violet-purple, with irregular-sized white spots and stars. Tr. pkt., 30c; 1/8 oz., 75c.

Cheerful. Fairly large clear salmon-pink flowers with deeper veining toward throat. Tr. pkt., 40c; 1/8 oz., \$1.50.

English Violet. A pleasing shade of rosy violet-mauve, with the same vigorous type of growth as Celestial Rose. Tr. pkt., 35c; 1/8 oz., 75c.

Glow. Bright rose-red, with lighter throat. Dwarf, compact ball-shaped. Very free flowering and true to type. Tr. pkt., 35c; 1/16 oz., 75c.

King Henry. Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit. Tr. pkt., 50c; 1/32 oz., \$1.00.

Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush-pink veined rich wine-red. Tr. pkt., 50c; 1/32 oz., \$1.00.

Rose of Heaven Improved. The best strain on the market for borders and bedding. Perfectly uniform, fine rose-pink color; dwarf habit. Tr. pkt., 25c; 1/8 oz., 65c; 1/4 oz., \$1.00.

Rosy Morn Improved. Differs from the original in that the rose coloring is stronger and deeper and habit some stronger. Quite uniform and distinct in every way. Tr. pkt., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Salmon Supreme. Dwarf light salmon-rose. An attractive and rather striking color. Tr. pkt., 40c; 1/16 oz., \$1.00.

Heavenly Blue. An old favorite, and rightly so. Still the best silvery blue in this class. Resembles Celestial Rose in habit of growth. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Snow Queen. Our finest pure white bedding Petunia. Its strong spreading growth and free flowering habit have made it a favorite wherever grown. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Topaz Queen. A remarkable color combination of glowing carmine-rose with distinct orange-scarlet overtone. Medium large flowered and striking whether used for bedding or in pots. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Velvet Ball. Dwarf compact plants with velvety blood-red blooms. Tr. pkt., 40c; 1/32 oz., \$1.00.

Violacea. Deep violet, dwarf, with a bright blue cast. A new color in the nana compacta type. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Nana compacta Mixed. A well balanced mixture. Tr. pkt., 25c; 1/8 oz., 40c; 1/4 oz., 75c; oz., \$2.75.

Petunia Hybrida, Bedding

This class is of vigorous growth and for this reason is suited to outdoor bedding where summers are most trying.

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower. Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c.

General Dodd. This is a velvety blood-red, but differs in the growth. In height this does not exceed 10 inches. Tr. pkt., 25c; 1/8 oz., 50c; 1/4 oz., 90c.

Howard's Star Improved. Medium tall velvety purple with white star. Highly attractive and popular for bedding. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.10.

White King. Pure white. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Radiance. A very brilliant and rich rose or cerise color, veined yellowish throat. Blooms very early and profusely, of uniform height and branching nicely. Tr. pkt., 40c; 1/8 oz., \$1.00; 1/4 oz., \$1.50.

Topaz Rose. Brilliant deep carmine-rose; about same color as Topaz Queen. Tr. pkt., 25c; 1/4 oz., 60c.

Violacea. Rich violet, compact and dwarf. The finest dwarf violet. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Choice Bedding Mixed. A very choice mixture which contains a splendid blend of color. Tr. pkt., 25c; 1/4 oz., 65c; oz., \$2.50.

Petunia, Balcony Pendula

Highly suitable for window boxes. Tr. pkt. 1/8 oz.

Cornflower Blue. A violet-blue	\$0.25	\$0.60
Black Prince. Deep rich velvety crimson. ....	.25	.60
Rose. Fiery rose, select strain .....	.25	.60
Star of California. Violet, white star ...	.25	.60
Violacea. Fairly dwarf deep purple .....	.25	.60
White. Pure white .....	.25	.60
Balcony Mixed .....	.25	.50

PHLOX**Drummondii Nana Compacta**

Dwarf type for growing in pots or bedding.

	Tr. pkt.	1/4 oz.	Oz.
Fireball. Fine bright scarlet	\$0.35	\$0.80	\$3.00
Meteor. Salmon-rose . . . . .	.35	.80	3.00
Snowball. Splendid white . . . . .	.35	.80	3.00
Splendens. Deep carmine with white eye . . . . .	.35	.80	3.00
Violet. Fine violet . . . . .	.35	.80	3.00
Dwarf Fine Mixed . . . . .	.35	.75	2.50
Cecily Mixed. Large flowering ..	.35	.75	2.50



Phlox Drummondii—Gigantea Art Shades

Phlox Drummondii Gigantea

A strain of Phlox Drummondii with flowers an inch and a quarter to an inch and a half in diameter. It has a most wonderful range of color.

Red Glory. A bright scarlet-red with large contrasting white eye.

Rosy Morn. A particularly bright, clear rose-pink.

Art Shades Mixture. Large flowered mixture of pastel shades with white eyes.

Tr. pkt., 35c; 1/8 oz., 55c; 1/4 oz., \$1.00; oz., \$3.50.

PHYSOSTEGIA - False Dragonhead

(Perennial)

Tr. pkt. 1/4 oz.

Virginica. One of the prettiest hardy perennials. It forms dense bushes, 3 to 4 feet high; spikes of delicate pink tubular flowers. \$0.35 \$0.75

PLATYCODON

Grandiflorum. Large steel-blue flowers .. .20 .50

PORTULACA - Moss Rose

A very excellent plant for dwarf bedding or border work. Very easily grown. Tr. pkt. 1/4 oz.

Grandiflora Double Mixed. Extra select \$0.25 \$0.75

Grandiflora Single Mixed25 .50

POPPIES**Annual Poppies**

Tr. pkt. Oz.

Shirley Finest Single Mixed \$0.15 \$0.50

American Legion. Single orange-scarlet.. .15 .50

PAPAYER ORIENTALE - Oriental Poppy

Tr. pkt. 1/4 oz.

El Monte. Deep tangerine-orange. 2 ft. \$0.30 \$0.60

Brilliant. Brilliant fiery red; 40 in.25 .50

Beauty of Livermere. Dark oxblood30 .60

Princess Victoria Louise. Salmon30 .60

Mixture of All Colors25 .40

PRIMULA OBCONICA

Tr. pkt.

Fasbender's Red. Extra large deep crimson \$1.00

Mueller Atrosanguinea. Lighter shade 1.00

PRIMULA MALACOIDES

Eriksson's Outstanding Varieties
(Originator's Seed)

Glory of Riverside Improved. True rose-pink, a strong grower.

Eriksson's New Giant. Color resembles closely Glory of Riverside.

Eriksson's White Giant. An exceptionally strong grower.

Lilac Beauty. The color is a pure soft lilac.

Peach Blossom. Deep peach-blossom-pink. Compact habit.

Mrs. Eriksson of Riverside. Glowing rose-red, strong grower.

Pkt. (500 seeds), \$1.25; pkt. (2000 seeds), \$4.00.

PYRETHRUM

(Perennial)

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

Tr. pkt. 1/8 oz.

James Kelway. Fine bright red
1/4 oz., \$1.25.. \$0.50 \$0.75

Robinson's Giant Hybrid Red. Fine for
cutting 1/4 oz., \$1.25.. .40 .75

Semi-Double Mixture. Excellent
1/4 oz., \$1.00.. .40 .60

Hybridum, Single. Large flowering. Mix-
ed 1/4 oz., 90c.. .35 .50

RICINUS - Castor Oil Plant

Tr. pkt. Oz. 1/4 lb.

Choice Mixed \$0.10 \$0.15 \$0.40

RUDBECKIA

(Perennial)

Tr. pkt. 1/4 oz.

Purpurea (Giant Purple Coneflower) ... \$0.35 \$0.75

SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. Tr. pkt. 1/4 oz.

Emperor. Extra choice large flowering mixture	\$0.20	\$0.45
Light Blue and Gold Improved. A rich light blue with gold veinings .....	.20	.45

SALVIA SPLENDENS

We fully realize the importance of Salvias to florists and are careful to arrange for our stock with an American specialist who supplies only fine plump seed.

Tr. pkt. 1/4 oz. Oz.

America (Globe of Fire). Plants grow about 18 inches high ...	\$0.35	\$1.20	\$4.50
Blaze of Fire. The earliest and most dwarf red strain available. About 12 in. high .....	.50	1.50	
Bonfire (Clara Bedman). Erect habit—the old standby. 18 in. ...	.35	1.10	4.00
Harbinger (Firebrand). Of uniform type, about 15 inches ...	.35	1.20	4.50
Zurich. Dwarf very early scarlet. ...	.35	1.20	4.50
Farinacea (Blue Bedder). 36 in. ...	.35	1.00	

SAPONARIA Tr. pkt. 1/4 oz.

Ocymoides. 12 in. Trailing Rose; hardy rock plant	\$0.25	\$0.75
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SCABIOSA

Choice long-stemmed annuals for summer cutting.

Tr. pkt. Oz.

Blue Cockade. Deep azure-blue	\$0.15	\$0.65
Blue Moon. Rich deep lavender-blue ...	.15	.75
Loveliness. Salmon-rose .....	.15	.65
Shasta White .....	.15	.65
Giant Hybrids Mixed .....	.15	.50

Scabiosa (Perennial)

Excellent perennial cut flower material. Larger flowered than the popular annual form, perfectly hardy, and early flowering. Seed germination sometimes slow and irregular. Tr. pkt. 1/4 oz.

Caucasica, House Hybrids. Lavender and blue shades	\$0.40	\$0.90
Columbaria, Lavender. Delicate color .....	.35	.75
Choice Mixed .....	.25	.65

SCHIZANTHUS

(Butterfly Flower) Tr. pkt.

Giant Flowering Hybrids. Select large flowered hothouse strain ..	\$0.35
Compactus, Mixed. The plants grow dwarf and compact, making them suitable for pot culture	.35

SHAMROCK

True Irish Shamrock. Sow Jan. 1st in Carnation house temperature (cooler after germination) for 2-inch St. Patrick's Day plants; use 3 or 4 seedlings per pot. Tr. pkt., 20c 1/4 oz., 35c; 1 oz., \$1.20.

STOCKS**GIANTS OF CALIFORNIA**

A comparatively tall branching group.

Golden Gate. Yellow.
Pacific. Blue.
Red Woods. Blood-red.
Santa Barbara. Chamois.
Santa Maria. White.
Tahoe. Lavender.
Yosemite. Rose.
Fine Mixed.

Any of the above: Tr. pkt., 35c; 1/4 oz., \$1.00; oz., \$3.50.



Salvia

STOCKS**NON-BRANCING COLUMN**

Immensely fully double close-spaced flowers, one 2 to 2 1/2-ft. spike per plant. This strictly non-branching strain is in very great demand by florists.

American Beauty. Deep American-Beauty-rose.

No. 16 Ball White Improved. Finest early pure white, with extra large florets.

Ball Supreme. Extra long, stiff stems and fine heavy spikes of rich silvery rose.

Ball's White. Sometimes tinged blush.

Blue. Rather deep lilac. Fine color.

Chamois Pink. Apricot or chamois-pink.

Gardenia. Finest double white.

Lilac Lavender. A very attractive, clear, bright lavender.

Malmaison Pink. Light Enchantress Carnation-pink.

Rose Pink. This is the popular clear rose-pink.

Ruby. Rich crimson-red.

Yellow Wonder. New rich cream-yellow.

Mixed Colors.

Any of the above:

Tr. pkt., \$1.00; 1/4 oz., \$2.50; oz., \$9.00.

IMPERIAL IMPROVED BISMARCKS

An especially meritorious class: of branching habit.

Chamois. Ivory-tinted rose.

Elk's Pride. Rich purple.

Flesh. Delicate pink.

Fiery Blood-Red.

Lavender.

Lilac. Lilac-lavender.

Shasta. Glistening white.

Fine Mixed.

Any of the above varieties:

Tr. pkt., 35c; 1/4 oz., 90c; oz., \$3.00.



Stocks, Double Giant Column

SOLANUM - Jerusalem Cherry

Hlavacek's Masterpiece. A compact type, red	Tr. pkt. 1/4 oz.	
	\$0.25	\$0.50
Capsicastrum Nanum. Small red fruit...	.35	
Cleveland Cherry .....	.25	.50

STATICE SINUATA

The seed of annual Statice is of irregular germination.

	Tr. pkt.	Oz.
Kampf's Tall Improved. Deepest blue ..	\$0.15	\$0.40
Lavender Queen .....	.15	.40
Rosea Superba .....	.15	.40
Yellow (Bonduelli) .....	.15	.40
Choice Mixed .....	.15	.35
Suworowi, Russian or Rat Tail. Excellent for spring cutting or pot specimens ...	.25	.90

STATICE, PERENNIAL

	Tr. pkt. 1/4 oz.	Oz.
Caspia. Perennial. Large lilac ..	\$0.25	\$0.50
Dumosa. Clear silvery white ...	.25	.60
Latifolia. Small purplish blue ...	.25	.50
		1.50

SWEET WILLIAM - Dianthus Barbatus (Perennial)

There is always a good demand for these beautiful free-flowering old-fashioned favorites.

	Tr. pkt. 1/4 oz.	Oz.
Single Dark Crimson	\$0.25	\$0.50
Single Holborn Glory .....	.25	.50
Single Newport Pink .....	.25	.50
Single Scarlet Beauty .....	.25	.50
Single White .....	.25	.50
Single Choice Mixed .....	.25	.50
Double Choice Mixed .....	.25	.50
Dwarf Compact Double Mixed..	.35	.75
		2.50

SWEET WILLIAM

	Tr. pkt. 1/4 oz.	
Barbatus. (Annual.) Mixed. Blooms from seed the first year	\$0.20	\$0.40



Spencer Sweet Peas

THUNBERGIA - Black-Eyed Susan

	Tr. pkt. 1/4 oz.	Oz.
Mixed. Trailer for window and porch boxes .. 1/4 lb., \$3.00..	\$0.20	\$0.30
		\$0.90

TORENIA FOURNIERI Tr. pkt.

Flowers are sky-blue, blotched dark blue with yellow centers

TRITOMA - Red Hot Poker

	3 Feet	Tr. pkt. 1/4 oz.
Hybrida Mirabilis. Blooms first year ...	\$0.25	\$0.50



Dianthus Barbatus—Sweet William

SWEET PEAS

Early or Winter Flowering

All the varieties are very strong growers and will produce heavy stems with four and five flowers on each. Early Spencers are also adapted for winter flowering in the open, when planted in the milder latitudes.

- American Beauty. A rich crimson-rose.
- Amethyst. Royal purple.
- Apollo. Soft salmon-cerise, long stemmed.
- Ball's Rose Improved. Rich deep rose-pink.
- Ball Rose Queen. The best rose-pink, long-stemmed.
- Ball Orange Improved. Clear deep glowing orange.
- Burpee's White. Giant white seeded.
- Blue Bird. A magnificent violet-blue.
- Bridesmaid. A charming deep silvery pink.
- Daphne. Soft salmon-pink; a fine color with long stems.
- Fiesta. A new fine orange-cerise, on long stems.
- Fragrance. Large frilled lavender flowers.
- Harmony. Clear lavender.
- Heather Bell. Mauve-lavender.
- Hope. Pure black-seeded white.
- Hiawatha. A clear deep rose on white ground; large.
- Lavanda. A pure clear lavender.
- Laddie Improved. Rose.
- Majestic Rose. Brilliant rose-pink.
- Mrs. Herbert Hoover. Bright blue; extra long stems.
- Mrs. H. S. Reddick. Salmon-pink.
- Pride. Large flowered cerise.
- Princess Blue. A belladonna-blue.
- Red Bird. Crimson-red.
- Sequoia. Rich golden cerise with long, strong stems.
- Shirley Temple. A new pink of great value.
- Treasure Island. A sparkling shade of golden orange.
- Triumph. The color is lovely soft lilac-mauve.
- White Harmony. Black-seeded white.
- Early Flowering Mixed.

Price, all above: 1 oz., 40c; 1/4 lb., \$1.35; 1 lb., \$5.00.

Spring Flowering Spencer

- Adapted to both outdoor and greenhouse growing.
- Blue. A fairly deep blue.
- Lavender. Soft rosy lavender.
- Rose Pink. Similar in color to Laddie.
- White. Excellent pure white.
- Spring Flowering Mixed.

Prices on above Spring Flowering Varieties:
1/2 oz., 30c; 1 oz., 50c; 4 ozs., \$1.75; 1 lb., \$6.00.

VALERIANA

Valeriana Fine Mixed. Pkt., 25c; 1/8 oz., 45c.

VERBENA

Hybrida Grandiflora

A magnificent strain of robust, compact habit and free blooming.

Beauty of Oxford Hybrid. A beautiful giant hybrid, rose-pink.

Blue. White eye.

Lucifer. Flaming scarlet self.

Luminosa. Fiery pink.

Rose Cardinal. Rose, white eye.

Spectrum Red. Vivid crimson.

Violacea Stellata. Violet, white eye.

White. Fine.

Grandiflora Mixed.

Prices of above varieties:

Tr. pkt., 35c; 1/4 oz., 65c; 1 oz., \$2.50.

Hybrida, Dwarf

Very neat and compact in habit.

Tr. pkt. 1/4 oz.

Fireball. Bright scarlet \$0.35 \$0.65

Compact Dwarf Mixed30 .50

VERONICA - Garden Heliotrope

(Perennial)

Spicata. Bright blue. Fine for bouquets. Tr. pkt., 35c; 1/8 oz., 65c.

VINCA ROSEA - Periwinkle

This seed should be sown early to secure salable plants for spring.

Tr. pkt. 1/4 oz. Oz.

Rosea alba. White, rose center .. \$0.35 \$0.60 \$2.25

Alba pura. Pure white35 .60 2.25

Rosea. Pink35 .60 2.25

Mixed35 .60 2.25

VIOLA - Tufted Pansy

8 inches

Tr. pkt. 1/8 oz.

Arkwright Ruby. Dark crimson-scarlet.. \$0.50 \$1.50

Blue Perfection. Medium clear blue35 .90

Chantreyland. Best pure apricot45 1.40

Papilio, Deep Violet35 .90

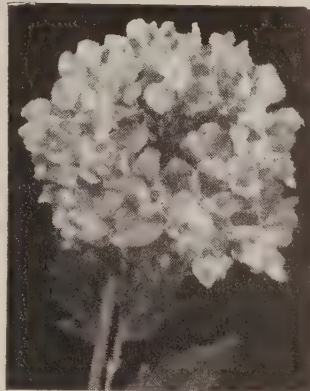
Papilio, Light Blue. Blue and white35 .90

White Perfection. Pure white35 .90

Mixed30 .85

Johnny Jump Up. Little Pansy faces of

purple, blue and yellow25 .75



Verbena



Viola Cornuta

FLORISTS' ZINNIAS

Bodger's "Gold Medal" Zinnias for Cut Flowers and Garden

The plants are of medium height. Very robust, flowers which resemble the show type of Dahlia, bearing many long stems of the fully double.

By sowing outdoors in May and as late as August 1st, in well enriched soil and protected with water, they can be had in fine shape right up to frost.

Bodger's Gold Medal

Giant Double Dahlia-Flowered

The plants are of medium height, 2 1/2 to 3 ft., very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

Canary Bird. Rich canary-yellow.

Crimson Monarch. Deep crimson, flowers very large.

Dream. Deep rosy lavender.

Exquisite. Light rose, deep rose center.

Golden Dawn. Golden yellow.

Illumination. Deep rose self.

Luminosa. Bright deep pink.

Oriole. Orange and gold bicolor.

Polar Bear. Large creamy white.

Purple Prince. Deep purple.

Scarlet Flame. Bright scarlet.

Will Rogers. Loveliest, most brilliant scarlet-red.

Gold Medal Finest Mixed. Grown as separate colors.

Prices of Above Varieties:

Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25; 1/4 lb., \$4.00.

Double Lilliput

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact, and symmetrical, on strong stemmed, 1 1/2 to 2 ft. plants.

Canary Gem. Canary-yellow.

Rosebud. Rose-pink.

Crimson Gem.

Salmon Gem.

Golden Gem. Golden orange.

Scarlet Gem.

Lilac Gem.

White Gem.

Pastel Mixture. Pastel shades.

Prices of Above Varieties:

Tr. pkt., 25c; 1/4 oz., 35c; 1 oz., \$1.00; 1/4 lb., \$3.50.

Elegans Pumila Dwarf Double

(Cut-and-Come-Again)

Canary Yellow.

Salmon Rose.

Crimson.

Scarlet. Bright scarlet.

Pinkie. Rose-pink.

Snowball. White.

Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c; 1/4 lb., \$2.50.

Miscellaneous Types

Fantasy, Star Dust. Rich deep golden yellow.

Fantasy, Wildfire. Dazzling scarlet.

Crown of Gold Pastel Tints. Strictly a mixture of pastel tints and contains a wide color range.

Tr. pkt., 25c; 1/4 oz., 40c.

Gracillima (Red Riding Hood). 1 foot high, splendid for bedding. Tr. pkt., 25c; 1/4 oz., 40c.

Linearis. The plants grow about 1 foot high. The flowers are a beautiful orange-yellow color. Tr. pkt., 25c; 1/4 oz., 60c.



Zinnias

SUMMER FLOWERING BULBS

AMARYLLIS

(Large Flowering Hybrids)

These bulbs will make handsome pot plants for window display during the spring. Light and red shades, mixed.

	Doz.	100
Select Bulbs. 2 3/4 to 3 inches	\$4.00	\$28.00

BLEEDING HEARTS

Used extensively as an early Spring pot plant. Fine for Valentine's Day. Blooms outdoors in early spring. Hardy.

	Doz.	100
3 to 5 Eyes	\$4.80	\$35.00
5 to 8 Eyes	6.00	45.00

CALADIUM - Fancy-Leaved

Bright Colors. Choice bulbs that have been well ripened and carefully selected from excellent strains.

Candidum. Snow-white with green veins. Narrow green border.

Firebrand. Light green-colored leaf, red center.

Hortilania. Leaf shining crimson with bluish tints.

John Peed. Transparent cherry-red center, margin green.

Lord Derby. Transparent rose; dark green ribs.

Mrs. W. B. Haldeman. Glowing bright pink with green edge.

Mrs. F. Sander. Dark green leaf, transparent deep rose.

Poecile Anglais. Deep crimson leaf, bordered metallic green.

Red Flare. Blotched with 2 shades of green.

Thomas Tomlinson. Bright crimson, narrow green edge.

Triomphe de L'Exposition. Leaf of bright red, dark green edge.

Fine assortment of highly colored, separate named varieties:

	Per 100	Per 1000
No. 1, 1 1/2 to 2 inches	\$16.50	\$150.00

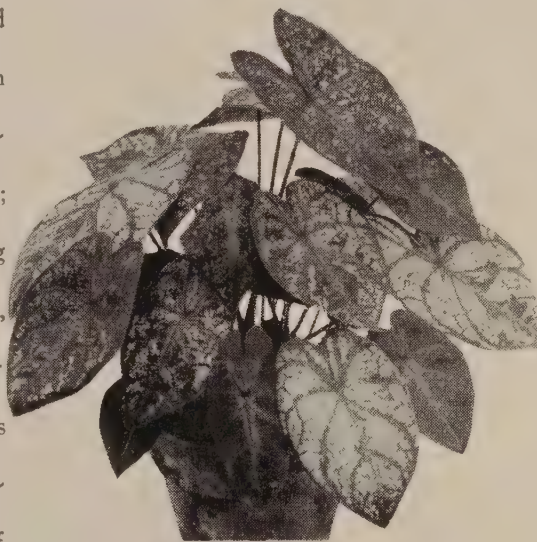


Amaryllis

CALADIUM ESCULENTUM - Elephant's Ear

Much used for bordering Canna beds or sub-tropical plantings.

	Doz.	100
Selected Size Bulbs. 7 to 9 inches	\$1.30	\$10.00
Extra Large Bulbs. 9 to 11 inches	2.50	16.00



Caladium, Fancy-Leaved

CANNAS (Large Flowering) Dormant Roots

City of Portland. Pink. Very compact, almost dwarf, and of a very luxuriant growth. Leaves green.

Hungaria. 3 1/2 ft. Pink. Leaves bluish green. Flowers large.

King Humbert. Scarlet flowers; bronze leaves. 4 ft.

The President. 4 ft. Immense flaming scarlet. The foliage is rich green.

Yellow King Humbert. 4 ft. Flower a deep rich yellow, softly spotted and blotched with bright red. Green foliage. 100 for \$6.00; 1000, \$50.00.

ISMENE CALATHINA - Peruvian Daffodil

A wonderful flowering bulb, producing large Amaryllis-like pure white fragrant flowers.

	Doz.	100
No. 2. First size bulbs	\$1.50	\$10.50
No. 1. Extra large bulbs	2.00	15.00

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable Lily for outdoor planting.

	Doz.	100
6-7 inches	\$1.50	\$11.00
7-8 inches	2.00	14.00
8-9 inches	2.40	20.00

TUBEROSES

	100	1000
Single Everblooming. Our bulbs are selected from dependable growers	\$4.50	\$42.00



Cannas

SUMMER FLOWERING BULBS

GLADIOLUS

Prices on bulbs are subject to change without notice.

Fine, well cured and graded bulbs. Strictly up to size and true to name. Prices quoted are subject to change. We carry a large stock of No. 2 size. If in the market, please write for market price. Varieties marked (*) recommended for forcing.



	First Size	
	100	1000
Bagdad. Large, smoky old rose.	\$4.00	\$35.00
Beacon. Red-salmon with cream throat. Very tall. Medium early	4.25	36.00
Betty Nuthall. Clear coral with deeper throat lines. Excellent cut flower	4.00	32.00
Charles Dickens. Purple-violet with deeper throat. Tall, strong growing	4.00	35.00
*Corona. Creamy white shading to cream toward the throat, strong growing	5.00	45.00
*Debonair. La-France-pink, cream throat	4.00	34.00
*Dr. F. E. Bennett. Peach-red, overlaid with scarlet	4.25	36.00
Dream of Beauty. Large, rose-red. Good color; strong grower	4.00	35.00
*Early Dawn. Early geranium-pink	3.50	30.00
Elvira. A beautiful tall white ..	4.50	40.00
*Flaming Sword. Beautiful brick-red; tall	3.50	30.00
*Giant Nymph. Light pink with cream throat	3.50	32.00
Golden Dream. A fine deep, pure yellow	3.50	30.00
Gold Dust. Finest deep yellow.	4.00	35.00
*Margaret Beaton. Snow-white with a tiny scarlet eye deep in the throat	4.50	40.00
*Margaret Fulton. Coral-pink, to trifle lighter throat; tall spike. Early	3.25	28.00
*Maid of Orleans. Beautiful milky white with cream throat. Tall, sturdy grower with eight or more flowers open	4.00	34.00
*Minuet. Light lavender with ideal spike. One of the best..	4.50	40.00
*Miss Bloomington. Six to eight large, perfectly placed, rich lemon-yellow blooms open at a time	4.00	32.00
*Picardy. The most popular of all Gladioli. Color is a beautiful light salmon	4.50	40.00
*Red Phipps. Tall, nice spike of soft red; eight or more open at one time	4.00	36.00
Rosa Van Lima. Pure self colored light pink. Many flowers open at one time	4.25	36.00
Snow Princess. A fine large, pure white	4.50	38.00
*Token. An extra early flame-salmon, clear yellow throat..	3.50	30.00
Florist's Superfine Mixed	3.50	30.00

GARDEN AND LAWN FERTILIZER

A Necessity to All Growing Plants

The highest grade only. Guaranteed analysis. Prices net cash and subject to market changes. All f.o.b. St. Louis. Due to certain conditions we are unable to quote prices on some items at this time and when in the market please write us for price.

AMMONIUM NITRATE—32.5% Nitrogen

100-lb. bag, \$4.50.

ADCO

A powder which, mixed with vegetable matter and kept moist, turns the latter into real manure, but without the odor, flies, etc. Directions enclosed in bags. 7½-lb. pkg., \$1.00; 25-lb. bag, \$3.25.

ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. 10 lbs., 75c; 100 lbs., \$3.15.

ARMOUR'S SPECIAL ORNAMENTAL 10-8-6

A concentrated fertilizer for lawns, trees, shrubs and ornamental plants. For garden or lawn use 100 lbs. for 50x100 ft. 100-lb. bag, \$3.75.

ARMOUR'S SPECIAL GROWERS MIXTURE

All inorganic and quickly available—4% nitrogen, 12% available phosphoric acid, 8% potash. Before planting, apply 6 lbs. per 100 sq. ft. and work thoroughly into soil. For soil piles, mix 4-inch potful with each wheelbarrow of soil. 100 lbs. if available.

ARMOUR'S BONE, BLOOD AND POTASH Fertilizer Mixture (Analysis 5-8-7)

For potting soil, use about 20 lbs. to a cubic yard of soil. It is excellent for Carnations if applied by the end of October or in November. 100 lbs. If available.

BONE MEAL 2-24

Best grade of steamed bone for general use. 2% nitrogen, 24% phosphoric acid. Used under glass or outside for nearly all plants. 100-lb. bag, \$4.25.

CATTLE MANURE (2% Nitrogen, 1% Total Phosphoric Acid, 1% Potash)

This is a very high grade material, heat dried, and free from straw, being all pure cattle manure. 50-lb. bag, \$1.00.

HARDWOOD CHARCOAL (Granulated Fine)

For mixing in soil in seed flats, cutting benches and pot plants. 50-lb. bag, \$2.10.

HORN DUST (13% Nitrogen)

Best used for mixing potting soil; quick acting. 50-lb. bag, \$8.00.

HYDRATED LIME

Used to neutralize acid soil on lawns and gardens. Use 50 lbs. for 20x100 ft. 10-lb. bag, 25c; 50 lbs., 60c.

LOMA

Use Loma for feeding Carnation, Snapdragon, and all greenhouse plants. 5-10-5. 100-lb. bag, \$2.90.

MILORGANITE

A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. Easy to apply without danger of burning. For lawn or garden use 100 lbs. for 50x100 ft. 25 lbs., \$1.15; 50 lbs., \$1.70; 100 lbs., \$2.75.



MURIATE OF POTASH

The chief use of Muriate of Potash is the stimulation of root growth. 100-lb. bag, \$4.50.

NEW PLANT LIFE

A LIQUID PLANT FOOD. ½ teaspoon makes 1 quart of complete fertilizer. 3-oz. bottle, 25c; gal., \$3.75.

NITRATE OF SODA

The quickest acting and most effective source of nitrogen. It is available almost as soon as applied. 10 lbs., 75c; 25 lbs., \$1.20; 100 lbs., \$3.50.

PEAT MOSS (Granulated)

A moisture retaining humus for mixing potting soil. Large standard bale, \$3.95.

PLANTABBS

A widely advertised fertilizer and stimulant in tablet form made especially for potted plants. Now contains Vitamin B-1. Pkg. of 30 tablets, 25c; 200 tablets, \$1.00.

SHEEP MANURE—Pulverized (2% Nitrogen, 1% Total Phosphoric Acid, 2% Potash)

This is a pure, natural manure. It is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. 50-lb. bag, \$1.10; ton, write for price.

SUPER ACID PHOSPHATE (20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. 100-lb. bags. For grain and corn use 500 lbs. per acre. 80-lb. bag, \$1.80.

SULPHATE OF AMMONIA

Highly concentrated, quick acting. Particularly desirable for lawns and gardens. 10 lbs. covers 2500 square feet or 50x50 feet. 100-lb. bag, market price.

SWIFT RED STEER 4-12-4

A well balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. For grain and corn use 500 lbs. per acre. 80-lb. bag, \$2.25.

TERRA-LITE

Being light and fluffy, Terra-Lite has proven ideal in potting plants. A mixture of half soil and half Terra-Lite should be used for starting seedlings. Per bag (approximately 4 cu. ft.), 75c.



This complete plant food supplies all the elements necessary for growing plants. It is economical and easy to apply. Use Vigoro in your greenhouse. It will aid you in obtaining higher quality flowers and vegetables at lower costs, which means more profit for you. Sell Vigoro to your retail trade for use on flowers, lawns, ornamentals, vegetable gardens. It is nationally known. Commercial growers' price: 100 lbs., \$2.75; ton, \$55.00.

FERTILIZERS FOR BETTER CROPS

FOR ORCHARD AND FIELD CROPS

We are distributors for Swift & Co. Red Steer Fertilizer and Vigoro; also Armour Big Crop Fertilizer. If in the market, please write for prices. Put up in 80-lb. paper bags.

Swift's Red Steer

	Nitrogen	Available Phosphoric Acid	Potash	Per Ton
4-12-8 —	4%	12%	8%	Market Price
4-12-4 —	4%	12%	4%	Market Price
3-12-12 —	3%	12%	12%	Market Price
2-12-6 —	2%	12%	6%	Market Price
0-12-12 —	0%	12%	12%	Market Price
0-20-0 —	0%	20%	0%	Market Price

Armour's Big Crop

	Nitrogen	Available Phosphoric Acid	Potash	Per Ton
10- 8-6 —	10%	8%	6%	Market Price
4-12-4 —	4%	12%	4%	Market Price
2-12-6 —	2%	12%	6%	Market Price
0-14-7 —	0%	14%	7%	Market Price
0-19-0 —	0%	19% Superphosphate	0%	Market Price

ALL ORDERS ARE SUBJECT TO OUR ABILITY TO SUPPLY

INSECTICIDES AND FUNGICIDES

NOTE: All prices listed are subject to change. To the best of our knowledge, prices on supply items in this catalog conform to existing price established as of the date this catalog was issued.

ARSENATE OF LEAD

A stomach poison used to combat most chewing insects. Because it discolors the foliage it is rarely used under glass. 4-lb. bag, 75c; case of 12 4-lb. bags, \$7.50.

AZOFUME-70

A new material that has given remarkable kills of all stages of red spider mite on Roses with a single fumigation. Large scale tests have included full houses of most of the common commercial varieties of Roses. Experience so far indicates a reasonably wide margin of safety. A satisfactory dosage for most houses is 1 lb. to 40,000 cubic feet. 25 lbs., \$1.50 per lb.; 50 lbs., \$1.25 per lb.; 100-lb. drums, \$1.00 per lb.

AZOFUME 45 CANDLES

Azobenzene in a new and handy form. Controls red spider, mites, cyclamen mites, and many other types of mites.

No. 1-20. Carton of 24 candles, weight 7 lbs. \$10.80
Special. Case of 4 cartons\$43.20
Four candles needed for each 25,000 cubic feet.

BLACK ARROW 5000

A Pyrethrum dust particularly effective against thrips, white flies, leaf rollers, midge, and will not burn or injure plants in any way. 2-lb. bag, 50c; 50-lb. bag, \$8.50.

BLACK LEAF 40

Nicotine Sulphate for use against aphids, thrips, and other sucking insects. Mainly used for outdoor crops because of its prolonged action. 5-lb. tin, \$6.70; 10-lb. tin, \$11.65.

BORDEAUX MIXTURE (Dry)

The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab, or other fungoid diseases on fruits and plants. 1 lb. will make 8 gals. liquid. Lb., 30c; 4 lbs., 75c.

COPPER SOLUTION (Hammond's)

A spray which controls most fungous diseases as well as stimulates plant growth. Nonstaining, mixes easily with water and contains perfected spreading agents. Gal., \$4.90.

CUPRINOL

For wood: Dyed green for use on exterior and interior surfaces. Stops rot, fungus, and wood destroying insects. Covers approximately 400 sq. ft. to the gallon. Will not harm plants. Gal., \$2.90; 5 gals., \$2.80 per gal.

CUPRINOL FOR FLORISTS

Especially recommended for dipping and will result in a considerable saving to the grower in the protection of flats and stakes. In dipping the flats should lay immersed in the liquid from 4 to 5 minutes. The length of time of its submersion in the liquid depends upon the amount of penetration desired by the user. 5-gal. can, \$1.85 per gal.; 50-gal. drum, \$1.75 per gal.

CYANOGAS G-FUMIGANT (Calcium Cyanide)

Excellent to control white fly, mealy bugs, leaf tiers, and many other hard to control insects. Also useful to break dormancy for early forcing on such items as Astilbe, Deutzia, Lilies, Iris, Roses and Hydrangea. 5-lb. can, \$3.00; 25-lb. can, \$10.00; 100-lb. can, \$25.00.

CYANOGAS "A" GRADE

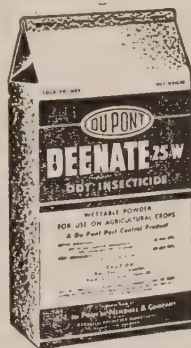
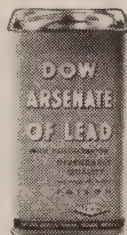
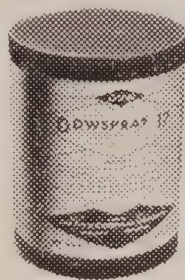
For moles, rats, gophers, and other ground rodents. 1-lb. can, 75c; 5-lb. can, \$3.00; 25-lb. can, \$10.00.

CYANOGAS FOOT PUMP

Especially designed for applying Cyanogas A-Dust. Ruggedly constructed; lasts indefinitely. Price, \$7.00.

DENDROL

Dormant tree and shrubbery spray. Gal., \$1.05; 5 gals., \$3.50.



DEENATE 50-W

A wettable powder containing 50% D.D.T. which mixes readily with water and can be used for spraying crops, animals and farm buildings. Recommended dosage for horticultural crops is 1 to 2 lbs. per 100 gallons. Used in this manner it leaves little visible residue. For spraying walls and ceilings to control flies and mosquitoes a concentration of 1 lb. per gal. is suggested. Also may be used as a dip for livestock and poultry at lighter concentrations. 4-lb. pkg., \$3.00; case of 12 4-lb. pkgs., \$2.75 per pkg.

DEENATE 25-W

A wettable powder especially prepared to mix readily with water for spraying. Contains 25% D.D.T. For spraying fruits, vegetables and other crops. Mix at rate of 2 to 4 lbs. per 100 gallons of water for best results under most conditions. Residue of D.D.T. remains effective against many pests for two weeks and sometimes longer. 4-lb. pkg., \$2.00; case of 12 4-lb. pkgs., \$1.75 per pkg.

DEENATE 25-R

An emulsifiable oil containing 25% D.D.T. When mixed with water, forms a very stable emulsion. **Especially for Farm Buildings:** Makes an excellent spray where noticeable residue is not desirable. 1 gal. 25-R makes 5 gals. of water spray containing 5% D.D.T. Apply 1 gal. spray to 2000 sq. ft. of surface. **For Farm Animals:** A water spray made by adding 1 quart DEENATE 25-R to 12 to 25 gals. water contains 1/2 to 1/4% D.D.T. For a dip 1 quart DEENATE 25-R in 25 to 50 gals. water makes a 1/4 to 1/8% D.D.T. concentration. Should not be used on crops, milking cows, poultry, cats or pets that lick or preen themselves frequently or on surfaces where oil might be toxic or objectionable. Qt., \$1.50; gal., \$5.75.

DOW'S D.D.T. 50% WETTABLE

A wettable powder especially prepared to mix readily with water for spraying. Contains 50% D.D.T. High D.D.T. content gives sprays with minimum visible residue—an advantage on many crops. 4-lb. pkg. \$3.00; case of 12 4-lb. pkgs., \$2.75 per pkg.

DETEX—25% D.D.T. Liquid

Liberty's DETEX. Correct dilution instructions on each can. Controls thrips, midge, leaf rollers, mealy bugs, leaf tiers, aphids, leaf hoppers, white fly. Qt., \$3.00; gal., \$10.00.

DOWFUME G

New rapid setting fumigant. Especially toxic to nematodes, eel worms, soil insects, millipedes, centipedes, pill bugs, etc. Permits replanting in 2 to 4 days. No waiting for root galls to decay. Permits one bench fumigation. Not injurious to nearby plants. Easily and economically applied. Water seal is only covering needed. 10-gal. drum, 110 lbs. net, \$28.50.

DOWFUME G APPLICATORS

Highly satisfactory hand applicators. Adjustable for varied dosages. Will give years of service. Each \$20.00.



"DOGZOFF"

DOGZOFF

Breaks dogs of bad habits. Spray underneath your evergreens, and guard them completely against the depredations of dogs. Per bottle, 60c.

DOWSPRAY 17

A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for Roses, Carnations, Calla Lilies, Azaleas, Snapdragons, Gardenias, Hydrangeas, etc. 3/4-lb. tin (for 100 gals. spray), \$2.50; case of 9 3/4-lb. tins, \$20.25.

INSECTICIDES AND FUNGICIDES—Continued

DU PONT SPREADER—Grasselli Spreader-Sticker

Effective and economical wetter, spreader and sticker. We recommend its use with all sprays for greater efficiency. Pt., 75c; gal., \$4.75.

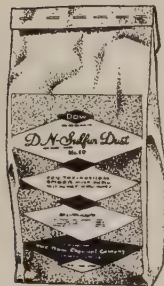


DN SULPHUR DUST No. 10

To control spider mite on Carnations only. Do not use on open flowers. 10-lb. bag, \$3.00; case of 5 10-lb. bags, \$12.50.

DN DUST No. 12

For use to control spider mite, thrips, and rust on Roses, Callas, Snaps, Gardenias, and Carnations. 10-lb. bag, \$4.50; case of 5 10-lb. bags, \$20.00.



DOW MIKE SULPHUR

More than 15 times finer than 325-mesh Sulphur. Wets instantly and is the preferred wettable Sulphur because of its fineness, high sulphur content and improved adhesion. Lb., 30c; 4-lb. bag, 60c; case of 12 4-lb. bags, \$4.80.

DOW MIKE SULPHUR SPECIAL FOR DUSTING

About half as finely divided as Mike Sulphur. Ideal for dusting. Goes farther and covers better than ordinary dusting sulphurs due to its minute size. Particularly effective on Roses. 10-lb. bag, \$1.25; case of 6 10-lb. bags, \$6.00.



DRY LIME-SULPHUR

For dormant spray use 12 to 15 lbs. to each 50 gals. of water. 1-lb. can, 30c; 5-lb. can, \$1.45; 25-lb. drum, \$3.25.

D-X ROTENONE-PYRETHRUM SPRAY

A concentrated plant spray containing Rotenone-Pyrethrum-D.D.T. in an active glyceride base. Controls sucking and chewing insects. Effective against a wide variety of insects such as aphids, leaf hopper, thrips, red spider, Mexican bean beetle, Japanese beetle and aster beetle. Gal., \$11.75.

D-X NICOTINE SPRAY

Per gal., \$10.75.



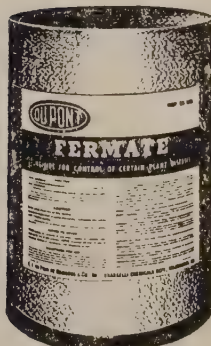
EVERCIDE

EVERCIDE is both a stomach poison and contact insecticide, and kills both chewing and sucking insects. EVERCIDE contains 1½ lbs. of D.D.T. (dichloro-diphenyl-trichloroethane, technical) per gal. or 17% by weight. Regular spraying with EVERCIDE keeps infections down. Highly effective against the following insects in these trials: white flies, thrips, aphids (on lilies), leaf rollers (leaf-tiers). Gal., \$6.50, 5 gals., \$32.50.



EVER GREEN

"Ever Green" Garden Spray is one of the most powerful general garden insecticides. It kills many of the common varieties of both chewing and sucking insects. A Pyrethrum spray for aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white fly. Gal., \$12.60; 5 gals., \$58.00.



FERMATE

This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on Roses, leaf spot on Chrysanthemums, Snapdragon rust, anthracnose of Tomatoes, and brown rot of Cherries. Recommended for use against all fungi and mildews. Has proved especially effective controlling rot on Poinsettias from cutting bed to finished plants. 3-lb. pkg. \$2.50; case of 12 3-lb. pkgs., \$2.25 per pkg.

FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleansing foliage. With nicotine sprays use 3 to 5 lbs. to 50 gallons. Pt., 75c; qt., \$1.25; 25-lb. pail, \$4.75.

FLOWERS OF SULPHUR

A powder used to check mildew, dry rot and other fungous diseases. 5 lbs., 45c; 10 lbs., 75c.

FULEX

FULEX LIQUID No. 400

For Carnations. Keep your Carnations free from insect injury the easy and economical way. Gal., \$10.00.

FULEX LAMPS

Each \$2.25.

FULEX DISC EVAPORATORS

Each \$1.50.

FORMACIDE FORMALDEHYDE DUST

Damping-off fungi, present in the soil, or on seed coatings, may attack the young seedling plant as soon as it sprouts and kill the seedling before it ever reaches the surface of the soil. The fungi may also attack the roots of the seedlings that survive.

Directions: Apply FORMACIDE to the seed beds, flats and benches at the rate of 1½ ounces per square foot of flat area, 3 inches deep. If flat area is 4 inches deep, use 2 ounces per square foot. Dust FORMACIDE evenly over the surface of the soil and mix very thoroughly with the soil. The seed can then be sown. Water immediately and very thoroughly, being sure that the soil is kept wet for two or three days. For the best results allow 24 to 48 hours to elapse before transplanting into the treated soil. 5 lbs., \$2.50; 25 lbs., \$10.00.



FLY AND MOSQUITO SPRAY D.D.T., HAMMOND'S. MOSQUITOES and FLIES:

Close all doors and windows. Spray freely toward the ceiling until the room is foggy with spray. Keep room closed ten minutes. **ROACHES, ANTS, WATER BUGS:** Spray freely wherever these insects are found. When crawling insects appear spray them thoroughly. Repeat twice daily—then as often as necessary. Stainless, pleasant to use. Qt., 75c; gal., \$2.50.



GRAFTING WAX

Grafting is done between January and April, according to locality. Use smooth, straight scion wood of one season's growth. When scions are set, wax thoroughly. This wax may be used by placing in warm water until soft enough to work. ¼ lb., 25c; ½ lb., 40c; lb., 75c.

GRAPE AND ROSE DUST, HAMMOND'S.

A dusting fungicide. Basically a micro-fine colloidal sulphur compound that is vastly superior to most fungicides in controlling blights, powdery mildew and black spot. Non-poisonous. Lb., 35c; 5 lbs., \$1.25.



HAMMOND'S "75" DUST

As a general purpose dust No. 75 Stabilized Rotenone (contains ¾% Rotenone) has proven a valuable aid to commercial growers and gardeners. Its highly toxic non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Kills by both contact and stomach action. Lb., 45c; 5 lbs., \$1.75.

HAMMOND'S DIKILZ DUST

"The Miracle Insecticide Powder" Designed especially to control certain insects on vegetable and horticultural crops. Hammond's D.D.T. Dust is a finely blended powder with the proper percentage of D.D.T. (dichloro-diphenyl-trichloroethane) to give successful results when used in accordance with directions. Lb., 35c; 5 lbs., \$1.20.



INSECTICIDES AND FUNGICIDES—Continued

LORO

It is effective on aphids (plant lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Its use is suggested on other insects where a contact insecticide is needed. Against Chrysanthemum midge, mealy bug, red spider, mites and thrips. Loro is also recommended for use on Carnations, Gardenias, Snapdragons, Gladioli and Dahlias. Pt., \$2.00; gal., \$10.50; 5 gals., \$45.00.

MOLOGEN (Hammond's)

A safe powder to get rid of moles. Non-poisonous to birds and pets. 1/2-lb. pkg., 50c.

MOLE NOTS

Life saver for lawns and seed beds. Trial size, 8 nots, 35c; display carton of 12 pkgs., \$3.00.

NAPHTHALENE FLAKES

Many growers spread these under benches to repel thrips, red spider and other pests. 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$14.00.

NICO-FUME LIQUID

For spraying and fumigating under glass. 2-lb. tin, \$3.45; 8 lb., \$11.95; 40-lb. drum \$49.50.

NICO-FUME POWDER PRESSURE FUMIGATOR

Insures better distribution of fumes and the most popular method of nicotine fumigation. 1/2-lb. can, 45c each; 12 for \$4.60. 1-lb. can, 75c each; 12 for \$7.95.

NNOR

Gives high kill when used as a general greenhouse spray for red spider (in young, adult and egg), green aphids, leaf tiers, leaf hopper, mealy bugs. 1-gal. can, \$10.00; 5 gals., \$45.00.

OPTOX (Formerly called Hitox)

A Pyrethrum-Rotenone spray. Optox is a contact insecticide as well as a stomach poison and may be used for the control of the chewing and sucking insects: aphids (plant lice), leaf hopper, thrips, white fly, leaf rollers, red spider, mildew, and mealy bug. 1-pt. can, \$1.85; 1-qt. can, \$3.30; 1-gal. can, \$10.50.

"OPTOX SPECIAL WITH 10% D.D.T."

It's TOPS. Contains Rotenone with NNO as booster to control red spiders, aphids at 1:400. Contains Pyrethrum with 10% D.D.T. to control leaf rollers, worms, mealy bugs, thrips. DESTROYS MOST ALL INSECTS. Gal., \$10.50.

"OPTOX 30% D.D.T."

Contains no mineral oil—no burns—30% D.D.T. (not 25% or 17%). Controls many insects at 1:800 to 1:400. Has its own spreader—solution will be effective long after spraying, because small crystals will be deposited on leaves which destroy insects by contact. Gal., \$8.00.

PARA-SCALECIDE

Para-Scalecide is a combination of Paradichlorbenzene and Scalecide, which makes a liquid application for peach borers that is safe and effective on young or old peach trees. Para-Scalecide is diluted 1 gallon to 7 gallons of water and poured against the base of the trees 4 to 6 inches above the ground in the fall or spring. It requires approximately 1/2 pint for 1 to 2-year-old trees, 1 pint for 3-year-old trees. Qt., 85c; gal., \$2.20.

PARADOW (Pure Paradichlorbenzene)

Kills peach tree borers. Best applied in fall but may be used in spring. Also useful to control slugs. Lb., 45c; 5 lbs., \$1.65; 25 lbs., \$5.35.

PARIS GREEN

Useful stomach poison. May be used as a dust or spray. Also used for poison bran mash to control cut worms and sowbugs. (5 lbs. bran, 2 tablespoons Paris Green, 1 1/2 pints water, 1/2 pint molasses). 1/4 lb., 20c; lb., 50c; 5 lbs., \$2.25.

RED ARROW (Special)

An extra high powdered Pyrethrum spray, especially effective for control of leaf tiers and leaf rollers, Japanese beetles, sod web worms and other insects which are known to be susceptible to a Pyrethrum spray. Leaves no poisonous residue. Gal., \$14.15; 5 gals., \$67.50.



RED ARROW GARDEN SPRAY

(Pyrethrum-Rotenone). Kills many varieties of both sucking and chewing insects on vegetables, flowers, fruits. Red Arrow is a highly concentrated, complete insecticide. Non-poisonous. Use as directed. Will not injure foliage. 2 ozs., 35c; 4 ozs., \$1.00; pt., \$2.85; qt., \$3.70; gal., \$12.60.

SCALECIDE

Spray every fruit tree, shade tree, shrub, and vine that drops its foliage in winter with Scalecide, 6 gallons to 100 gallons of water (1 to 15). Spray any time after the foliage is off in the fall or before the buds show in the spring, provided the temperature is warmer than 40 degrees. Qt., 75c; gal., \$1.75; 5 gals., \$6.35.



SELOCIDE

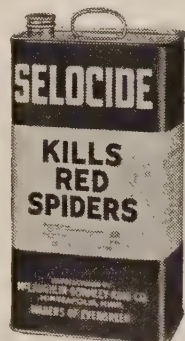
Kills red spiders. SELOCIDE kills from 90 to 100 per cent of red spiders (Tetranychus Telarius L.) in just one application. Selocide also kills the eggs and it does not harm tender plants when properly used. Gal., \$3.00; 5 gals., \$13.50.

SEMESAN

The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Write for leaflets on Semesan, Semesan Jr., and Semesan Bel. 2 ozs., 40c; 12-oz. can, \$2.00.

SLUG SHOT (Hammond's)

An old favorite dust, effective against leaf eating insects and diseases. Lb., 35c; 5 lbs., \$1.50.

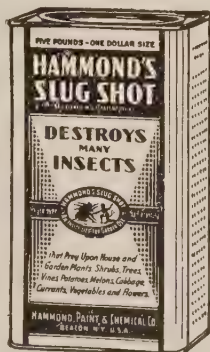


SNAROL

Snarol—an attractive bait meal—will quickly rid your garden of cutworms, snails, slugs, sowbugs, earwigs, and grasshoppers. Snarol is a ready prepared meal that you simply broadcast about plants and shrubs after you sprinkle them in the evening. Lb., 25c; 10 lbs., \$1.50.

SULFOCIDE

A concentrated sulphur fungicide for fruits, vegetables and flowers. Sulfocide is a highly concentrated sulfur fungicide, which, when sprayed on the fruit or foliage, precipitates an extremely fine colloidal sulfur, that is successful in the control of more fungous diseases. Qt., \$1.00; gal., \$2.50.



SODIUM SELENATE

The application of this material to the soil has shown that this is a useful insecticide for the control of aphids, red spiders and mite, and foliar nematode and midge on Mums and red spider and aphids on Carnations. This material is available in two forms, one being the pure sodium selenate which is very concentrated and of which one pound will treat 1800 square feet of bench area. It is completely water-soluble and is applied at the rate of 1/4 gram to a square foot of bench area, diluting it at the rate of not less than one pint of water per square foot as there is danger of plant injuries if it is applied in a smaller volume of water. 1-lb. bottle, \$4.00.

SODIUM SELENATE P-40

This is the other form of sodium selenate which is 2% sodium selenate and 98% carrier (superphosphate is the present material). This material is applied in dry form at the rate of three pounds per one hundred square feet, being broadcast between the rows. This application is equivalent to 1/4 gram pure sodium selenate per square foot. Whatever form of this material is used it is advised that extreme caution should be made in that neither one should be applied until the plants are well established in the bench or pots, which is ordinarily one month after benching or potting. 25-lb. bag, \$4.25; 50-lb. bag, \$8.00; 100 lbs., \$14.00.



INSECTICIDES AND FUNGICIDES—Continued

SULPHATE OF IRON

Effective against chickweed. Harmless to lawns. Use 1½ lbs. to 1 gallon water. One gallon treats 100 square feet of lawn. 10 lbs., 75c; 25 lbs., \$1.00; 100 lbs., \$3.50.

TALC

Used as a filler for mixing insecticides and dusting. 50-lb. bag, \$1.75.

TARTAR EMETIC

For Gladiolus thrips—absolute control if properly used. 4 lbs. Tartar Emetic. 16 lbs. brown sugar, 100 gallons of water. Lb., 80c; 5 lbs., 75c per lb.; 25-lb. drum, 70c per lb.

TERRO ANT KILLER

A syrup to be placed on chips of wood or cardboard. Ants will be quite active for some time eating the Terro and taking it back to the nest for the queen ant. The queen ant being destroyed ceases further propagation. Price, 25c and 50c per bottle.

THIOCID (Spray)

A sulphur compound which is toxic to Cyclamen and broad mite. Best results obtained when another soap spreader is added to the spray. Gal., \$6.00.

TOBACINE

TOBACINE is equally as effective as Nicotine in the control of aphids. TOBACINE is a powerful insecticide, harmless to foliage and blossoms and, having the added advantage of D.D.T., is highly toxic to a wide range of insects. A thorough control of aphids and thrips. 8-lb. tin, \$12.00.

TOBACCO DUST

Fine powdered Tobacco. Used principally as a ground covering in greenhouses to repel insects. 100 lbs., \$3.90.

TREE WOUND PAINT

Prevents decay after pruning. This penetrating, antiseptic paint is not affected by heat. Qt., 85c; gal., \$1.95.

TREE TANGLEFOOT (CATERPILLAR PASTE)

A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. 6-oz. can, 40c; lb., 80c; 5 lbs., \$3.75.

TRI-GEN

All-purpose spray that gives positive plant protection. Kills all insects (chewing and sucking), controls mildew and black spot. E Kit (makes 10 qts.) \$0.90

A Small Kit (makes 16 qts.) Protects 12 to 20 Roses for season 1.50

B Medium Kit (makes 64 qts.) Protects 50 to 80 Roses for season 4.00

C Large Kit (makes 32 gals.) Protects 100 to 160 Roses for season 6.00

D Estate Kit (makes 128 gals.) Protects 400 to 600 Roses for season 20.00

VAL-A FABRIC CEMENT

Repairs shading cloth, bags, etc. 1-gal. bottle, \$4.25.

VOLCK, NURSERY

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bugs, white flies, red spiders, rust mites, aphids, thrips. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., \$1.25; gal., \$2.25; 5 gals., \$6.75.

WHITING

For greenhouse shading. Ideal for shading on inside of glass, mixing a 50-lb. bag to about 15 gals. water. 50-lb. bag, 85c.

YELLOW CUPROCID

Fungicide plant spray for controlling blight. 3 lbs. makes 150 gallons of spray. 3 lbs., \$1.50.

ZERLATE

A newly developed fungicide possessing excellent adhesive properties on plants due to its resistance to washing off by rains and removal by other weathering factors. Although specific directions have not been furnished by DuPont as to its use on greenhouse crops, it has been used principally the same as Fermate. 25-lb. container, \$18.75.

CHEMICAL WEED KILLERS

2-4 DOW WEED KILLER—Liquid

2-4 Dow Weed Killer exists as a new weapon of great effectiveness. It is economically practical in all respects. It kills the whole plant, is easy to apply, and perhaps most important of all, weeds are killed while grass continues to grow. Soil is not affected at concentrations as outlined in the leaflet.

The standard recommendation is two quarts of 2-4 Dow Weed Killer liquid in 100 gallons of water, applied at the rate of approximately 200 gallons per acre.

Price: ½ pt., \$1.00; pt., \$1.62; qt., \$2.98; gal., \$7.08; 5 gals., \$32.60.

2-4 DOW WEED KILLER—Powder Form

The standard recommendation is 1¼ pounds of 2-4 Dow Weed Killer to 100 gals. water. Mix well. Apply with a sprinkling can.

Price: 4-oz. can, \$1.40; 20-oz. can, \$3.20; 10-lb. can, \$22.00; 50-lb. drum, \$105.00.

HAMMOND'S WEED KILLER

Weeds, poison ivy, and all vegetation are easily killed with this highly concentrated (stands dilution with 40 parts of water), easy-to-use material. Simply mix with water, apply with a sprinkling can and all vegetation withers and dies. Do not use on lawns as it kill ALL vegetation.

Price: Qt., 70c; gal., \$2.00; 5 gals., \$8.00.

WEEDONE

WEEDONE Contains 2,4 Dichlorophenoxyacetic Acid (2,4-D or DCP)

WEEDONE is a new kind of weed killer, which, when sprayed onto the leaves of certain weeds, is absorbed by the plant and penetrates down to the end of the root system, and thereby kills the plant throughout. When sprayed on to lawns, fairways or greens, use a 1 to 100 dilution with water.

WEEDONE is recommended for killing poison ivy, poison oak, bindweed or wild morning glory, Japanese honeysuckle, sassafras, black locust, and wild or choke cherry. It will also kill many other weeds under favorable conditions.

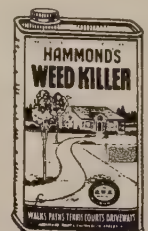
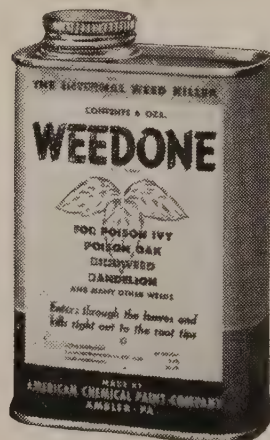
Price: 6-fl.-oz. bottle (for 1000 sq. ft.), 75c; 1-qt. bottle (for 5000 sq. ft.), \$2.50; 1-gal. can (for 20,000 sq. ft.), \$7.50; 5-gal. can, (for 100,000 sq. ft.), \$30.00.

HAMMOND'S DANDELION KILLER

A Drop Kills Dandelions

Dandelions, plantain or any weed growing in a lawn or garden can easily be killed by one or two drops of Dandelion Killer applied to the crown of the plant, and eliminates any work in ridding the lawn of unsightly growth. Affords the easiest and quickest way to "weed" a lawn.

Price: Qt., 50c; gal., \$1.50.



HORMODIN POWDER—ROOTONE

ROOTONE

Reg. U. S. Pat. Off.

HORMONE POWDER FOR CUTTINGS

Treat your cuttings with ROOTONE. It is fool-proof. No skill required. It effectively prevents damping off of seedlings. 2-oz. jar (for 3,000 cuttings), \$1.00; 1-lb. jar (for 30,000 cuttings), \$5.00.

FRUITONE

FOR BETTER SET OF FRUIT OR SEED

Hormone spray for preventing preharvest drop of Apples. Holds Apples on the tree longer. Fruitone sprayed on flowers produces better set of seed and fruit, such as Tomatoes and Beans. 2/5-oz. pkg., 25c; 2-oz. can (makes 25 gals. of spray), \$1.00; 12-oz. can (makes 150 gals. of spray), \$5.00.

TRANSPLANTONE

FOR TRANSPLANTING

A powder containing root-forming hormones, Vitamin B-1, and other elements which assure transplanting without loss. One level teaspoon makes one gallon. Booklet of directions with each package. 3-oz. can, \$1.00; 1-lb. can, \$4.00.

HORMODIN POWDERS

STIMULATES ROOT GROWTH ON CUTTINGS

HORMODIN No. 1. Designed primarily for use on Carnations, Chrysanthemums, Poinsettias. 1 3/4-oz. tin (for 3,000 cuttings), 50c; 1-lb. tin (for 30,000 cuttings), \$3.00.

SEMESAN

It destroys the destructive diseases on the seed and protects them from the rots in the soil. Sprinkling of the seedling beds with Semesan solution effectively prevents damping off. Recommended especially for seeds, bulbs, and Gladiolus corms. 2 ozs., 40c; 12 ozs., \$2.00.



QUICK-ROOT No. 1

Quick-Root, a Dow development to improve propagation of plants from cuttings or slips, is a powder containing synthetic plant growth substances. Treatment of cuttings or slips with Quick-Root hastens the production of roots, produces more roots per cutting. 4-oz. size, \$1.00; 1-lb. size, \$3.00.

Inoculate all Legume Seeds with

NITRAGIN

1898—Nearly A Half Century of Service—1947

When ordering, Always state name of seed

ALFALFA		SOYBEANS	
Swt., Bur, Hubam Clovers	Retail	Size	
1 bu. each....	.50	Small, (Inoculates up to 120 lbs. seed)	\$.30
2 1/2 bu. each....	1.00	5 bu. each.....	.55
		25 bu. each.....	2.50
		(One can)	
CLOVERS		30 bu. each.....	3.25
Red, Alsike, Crimson, White and Ladino.		(6-5 bu. cans)	
1 bu. each....	.50		
2 1/2 bu. each....	1.00		
LESPEDEZA		BEANS—Navy, Pinto, Wax, String, Kidney and Great Northern	
100 lb. size (Inoculates up to 100 lbs.)	\$.50	1 bu. each.....	\$.35
PEAS (All Varieties)		PEANUTS, LIMA BEANS, COW PEAS	
VETCHES (All Varieties)		Small, (Inoculates up to 120 lbs. seed)	\$.30
100 lb. size (Inoculates up to 100 lbs.)	ea. \$.50	5 bu. each.....	.55
1200 lb. size ea....	5.70	25 bu. each.....	2.50
(12-100 lb. cans)		(One can)	
LUPINES (All Varieties)		30 bu. each.....	3.25
100 lb. Size (Inoculates up to 100 lbs. seed)	ea. \$.50	(6-5 bu. cans)	
GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans			
Enough for 8 lbs. seed		— Retail Price 10c each	

POT LABELS—PLANT BANDS

NEPONSET RED FLOWER POTS

These Neponset Red Pots are made of specially treated paper intended for use in shipping plants which have been grown in clay pots.

Per case of 1000	Per case of 500
2 1/4 in. ..\$6.00	4 in. ....\$5.25
2 1/2 in. .. 6.10	5 in. 6.70
3 in. .. 6.85	6 in. 8.45
3 1/2 in. .. 9.15	

NEPONSET GREEN POTS—For Growing

Size	Per Case	Per Carton	Price per
Quan.	Shipping Wt.	Carton	
2 1/4 in. 1000	16 lbs.		\$8.85
2 1/2 in. 1000	22 lbs.		9.40
3 in. 1000	28 lbs.		10.60

BIRD FIBRE PLANT BANDS

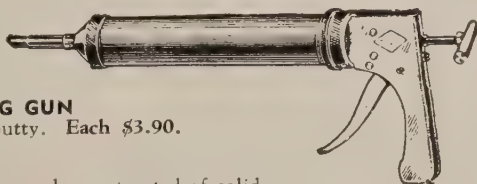
Designed for all-around use, especially for long growing periods. Ideal for Carnations. Nutrient treatment makes chemical feeding unnecessary for most plants, assures vigorous, well balanced growth. A heavy-duty plant band.

Bird's Vita Bands—Packed 1000 to Case

Price per 1000—SIZES IN INCHES	
1 3/4 x 1 3/4 x 2 1/2	\$4.25
2 x 2 x 2 1/2	4.70
2 x 2 x 3	5.05
2 1/2 x 2 1/2 x 3	\$5.20
3 x 3 x 3	6.30
3 x 3 x 4	7.35

GUN GRADE GLAZING PUTTY

Easy to apply with either bulb or gun. Elastic, yet adhesive. Weather-proof, yet does not crack, curl or pull away from the bar. 1 gal. glazes 350 to 400 sq. ft. Gal., \$2.75; 5 gals., \$13.25.



SAFETY GLAZING GUN

Best for liquid putty. Each \$3.90.

KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee; will not slip down. Price, \$1.25.

WOOD PLANT BANDS

Stapled, Ready to Use.

Size	Packed to crate	Per 1000
2 x 2 x 3 in.	1000	\$3.70
2 1/2 x 2 1/2 x 3 in.	1000	3.90
3 x 3 x 3 in.	1000	4.25
3 x 3 x 4 in.	1000	4.70
4 x 4 x 4 in.	500	5.50

CLOVERSET HEAVY DUTY POTS

An improved pot or container made of tough asphalt-coated laminated water-proof fibre stock, closely riveted so that it will stand much handling.



No.	0—5-inch	Per 100	Per 1000
No. 1—6-inch		\$3.00	\$27.50
No. 2—7-inch		4.50	40.00
		5.00	46.00

POT LABELS

POT LABELS	Packed in Cartons	Prices per 1000
4x 7/8 inches	1000	Plain \$2.20, Painted \$2.65
5x 7/8 inches	1000	2.45, 2.90
6x 7/8 inches	1000	2.70, 3.30
8x 7/8 inches	500	4.00, 5.00
10x 7/8 inches	500	5.00, 6.00

GARDEN STAKES

GARDEN STAKES	Packed in Cartons	Price per Carton
8x 7/8 inches	250	Plain \$1.70, Painted \$2.00
10x 7/8 inches	250	2.05, 2.50
12x 1/8 inches	100	1.15, 1.40

LABELS, TREE—Copper Wired

LABELS, TREE—Copper Wired	Plain	Painted
3 1/2 inches long, 3/4 inch wide	\$2.50	\$3.00

WEATHERPROOF PENCILS

For marking labels. Will not rub off or fade. Each 15c; doz., \$1.75.

GALVANIZED WIRE BRADS

Easy to drive and made so they will not wedge or crack the glass in driving. The head gives a good surface and makes it very easy to drive with a chisel. 3/8 inch—1-lb. pkgs., 1600 points, 25c.

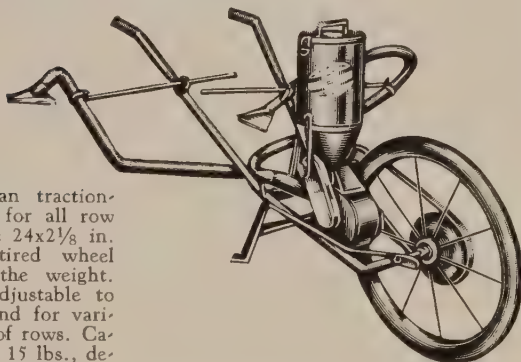
THE SUDBURY PROFESSIONAL SOIL TEST KIT

Contains enough material for 200 individual tests. Price complete with instructions, \$20.50.

GARDEN TROWEL. All steel shank, wood handle. Each 50c.
HAZELTON WEEDER. Made out of true tempered steel. Each 50c.

SPRAYERS AND SUPPLIES

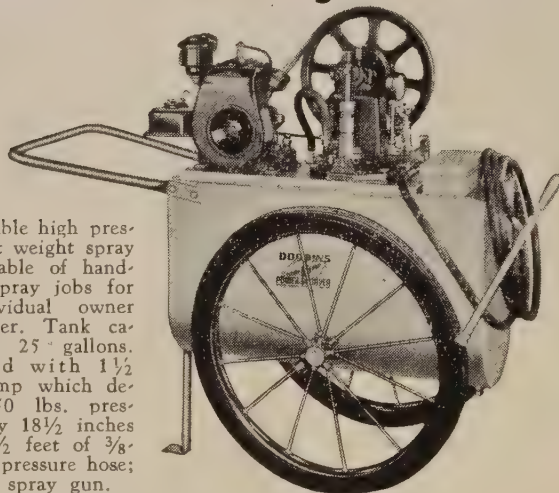
Wheelbarrow Duster



A one-man traction-type duster for all row crops. Large 24x2 1/8 in. pneumatic tired wheel carries all the weight. Discharge adjustable to any angle and for various widths of rows. Capacity 10 to 15 lbs., depending on dust used.

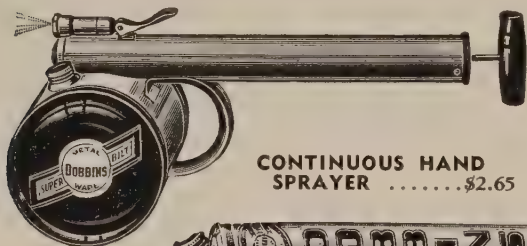
No. 205 WHEELBARROW DUSTER, Weight 52 lbs. Each \$40.00.

Dobbins Portable High Pressure



A portable high pressure, light weight spray outfit capable of handling all spray jobs for the individual owner and grower. Tank capacity is 25 gallons. Equipped with 1 1/2 GPM pump which develops 250 lbs. pressure. Only 18 1/2 inches wide, 12 1/2 feet of 3/8 inch high pressure hose; adjustable spray gun.

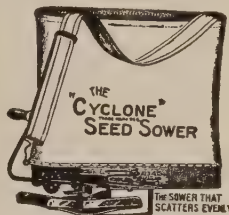
No. 3240. With steel wheels\$144.00



CONTINUOUS HAND SPRAYER\$2.65



TIN HAND SPRAYER
Full quart size ..60c



CYCLONE SEED SOWER

(New Improved Model.) A great time and labor saver

HEAVY DUTY SEEDER. For spreading fertilizer\$4.00

TIN HORN SEEDER\$1.35

ROSS GARDEN ATOMIZER No. 15

Fine screen nozzles\$1.40

REVOLVING SPRINKLER No. 239\$1.90

ROUND NOZZLE SPRAY No. 1450c

CLINCHER HOSE MENDERS

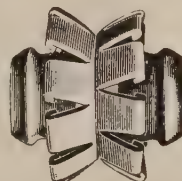
1/2 in., 5/8 in.,

3/4 in. Each 15c.

CLINCHER HOSE COUPLINGS

1/2 in., 5/8 in.,

3/4 in. Each 30c.

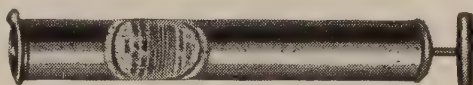


CHALLENGE DUST GUN

Easily carried by strap over shoulder. Operates by crank handle. Powerful fan expels dust in efficient cloud. Hopper capacity 7 1/2 lbs.\$19.75

ROOT DUST GUN

Stoutly made for long service. Easy to fill and operate. Holds 8 ounces per filling. Each \$1.50. Large size (holds 1 lb.), \$2.25 each.



TIN HAND SPRAYER
1-pt. capacity ...40c

PARAGON WHEELBARROW SPRAYER

12-gallon capacity on one- or two-wheel wheelbarrow type truck. Complete with hose, rod and nozzles\$27.50

No. 210 FLAME SPRAYER

Holds 4 gallons\$16.25

DOBBINS BIGHEAD SPRAYER

5 1/8-inch diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4-gallon capacity.

No. 44G GALVANIZED TANK. Each \$7.00.



No. 34G SPRAYER

3 1/2 gal.\$5.90



RIDGID GOGGLES

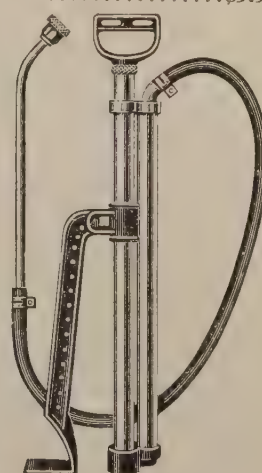
Protects eyes while dusting. \$1.85.

PULMOSAN RESPIRATORS

No. R-110. For protection against dust\$1.85

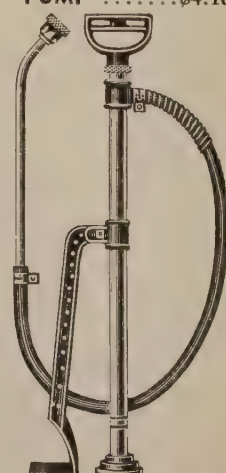
No. 3120 BUCKET PUMP

Each\$5.95



No. 3105 BUCKET PUMP

.....\$4.10



From _____

William M. Hunt & Company, Inc.

115 West 45th Street

New York 19, N. Y.

Be sure to write your name
and address on
order

LAWN GRASS SEED

The best time to start your lawn or to rebuild it, is during the cool weather early in spring or in fall. The weather at this time is favorable for the development of a good turf.

All our Lawn Grasses are recleaned and tested for highest quality, purity and germination.

One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.

BENT, COLONIAL or ASTORIA (*Agrostis tenuis*)

An excellent all-around Bent for lawns, greens, parks and playing fields; grows on wide range of soils; spreads mainly by underground root stalks or rhizomes, making a deep reinforced sod. It seldom produces many stolons or surface runners, thus lessening the amount of top dressing and watering. Sow about 3 lbs. to 1000 square feet. ½ lb., 75c; 1 lb., \$1.40; 5 lbs., \$6.50.

BENT, SEASIDE

This is the variety which was first identified in Oregon. It is a hardy creeping variety forming close matlike sward. ½ lb., 75c; 1 lb., \$1.40; 5 lbs., \$6.00.

BERMUDA

It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. 1 lb., 60c; 5 lbs., \$2.50.

BLUE GRASS, KENTUCKY (*Poa pratensis*)

Fancy extra recleaned. Kentucky Blue Grass is largely used for lawns and when once established, lasts indefinitely. An excellent pasture grass. Deep rooting and has an attractive color. For lawns, sow 5 lbs. per 1000 sq. ft. **Very scarce, market price.**

BLUE GRASS, KENTUCKY SUPREME BRAND

97 per cent pure. This seed is recleaned to the highest purity obtainable. **Very scarce, market price.**

BLUE GRASS, CANADIAN (*Poa compressa*)

A very hardy perennial grass with creeping rootstocks. **Very scarce, market price.**

FESCUE, CHEWINGS (*Festuca rubra*)

This fine-leaved grass produces a bright green turf, especially well adapted for tree shade, on account of its drought resistance. Sow 5 lbs. per 1000 sq. ft. **Market price.**

POA TRIVIALIS (Rough-Stalked Meadow)

This grass is known as "The Blue Grass of the Shade," being particularly adapted for shady places. Same family and characteristics as Blue Grass. Makes exceptionally attractive, bright green turf. For lawns sow 5 lbs. per 1000 sq. ft. **Market price.**

RED TOP, FANCY

Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought-resistant. 1 lb., 40c; 3 lbs., \$1.15; 10 lbs., \$3.50; 100 lbs., \$26.00.

OUR FINEST LAWN MIXTURE

VELVET LAWN SEED

The finest balanced mixture of the best Kentucky Blue Grass, Fancy Recleaned Red Top, small percentage of Rye Grass and White Clover. The best lawn mixture for this climate. 1 lb., 85c; 3 lbs., \$2.50; 5 lbs., \$4.00; 10 lbs., \$8.00; 25 lbs., \$18.50; 112 lbs., 70c per lb.

RYE GRASS

Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. 1 lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00; 10 lbs., \$2.00; 100 lbs., \$14.00.

RYE GRASS, PERENNIAL

A hardy grass of quick growth, suitable for lawns and meadows. 1 lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$24.00.

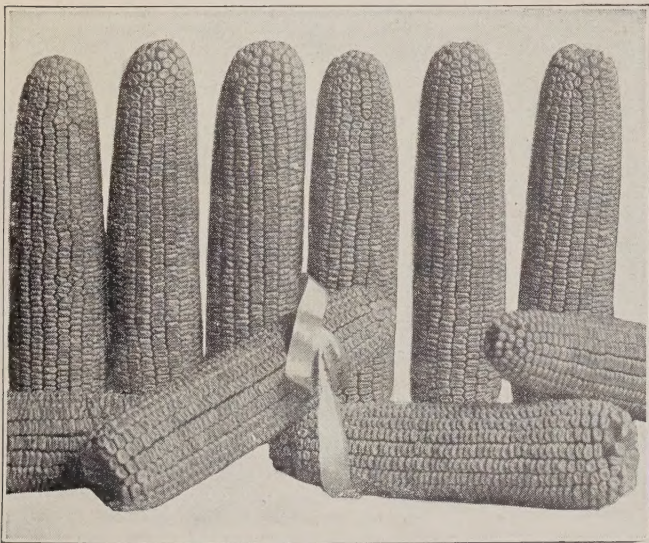
WHITE or DUTCH CLOVER FOR LAWN

A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 square feet. ½ lb., 55c; 1 lb., \$1.10; 5 lbs., \$5.15.



FARM SEED

For Pasture, Hay, for All Soils and Purposes



HYBRID SEED CORN

U. S. No. 13

Select large flat grains. Best for main crop. 110 days. Bu., \$7.00.

U. S. No. 8

For rich ground. 110 days. Bu., \$7.50.

ILLINOIS No. 1091a

Best for late planting. 100 days. Bu., \$7.50.

PRICES ON ALL GRASS SEEDS are subject to market changes. We will be pleased to quote firm prices on request. Orders entrusted to us will be filled at the lowest price on the day received.

Write for price on Field Seeds and let us know your requirements, and we will be glad to quote special quantity prices.

ALFALFA, KANSAS

Best adapted for the Central West. Sow August and September, March and April. 20 lbs. per acre. **Market price.**

CLOVER, MEDIUM RED

Best legume crop or for hay or meadow. Sow in spring, 8 to 10 lbs. to the acre. **Market price.**

CLOVER, ALSIKE

Fine legume crop, also for hay or mixed grass seed for pasture. 6 to 8 lbs. per acre. **Market price.**

SWEET CLOVER

A biennial. Sow early in spring. 20 lbs. per acre. **Write for price.**

LESPEDEZA

A good legume and fine for fall pasture. Sow 20 lbs. to acre. **Market price.**

AWNLESS BROME GRASS (*Bromus inermis*)

Very strong, quick growth, making two crops of very abundant pasture. Has proven very valuable for pasture when sown with alfalfa. Good in very sandy soils because of its strong spreading root system. Not a lawn grass. **Market price.**

SUDAN GRASS

Sow 35 lbs. per acre. Makes an excellent emergency hay crop. Can be sown any time from May 20th to June 20th. It withstands long periods of drought. **Market price.**

TIMOTHY (*Phleum pratense*)

It is the most desirable of all grasses for hay but should not be grazed as the tramping of cattle hoofs causes it to die. In this section Timothy is best suited to low, flat or alluvial soils where there is a fair amount of moisture. **Market price.**

WINTER VETCH

A very valuable leguminous plant, especially for lighter soils. To be sown in fall. Sow 15 to 20 lbs. of Vetch and one-half bu. grain per acre. Makes splendid hay. **Market price.**

Selected
**VEGETABLE
SEEDS**

Henderson's
Bush Lima
Beans

Scarlet
Globe
Radishes

Alaska-Ameer
Mammoth
Pod Peas

Chantenay
Carrot

Golden Cross Bantam
Hybrid Sweet Corn

See
Pages 1 to 7
for
Complete List

Early Wonder Beet

**A. H. HUMMERT
SEED CO.**

2746-48 Chouteau Avenue

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